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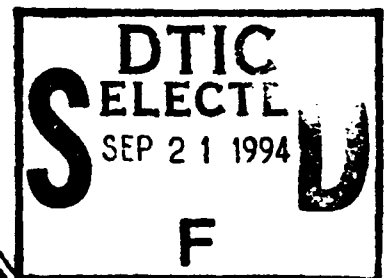
Naval Education and
Training Command

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Bibliography For Advancement Study



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FOREWORD

NOTE

SPECIAL ADVANCEMENT BIBLIOGRAPHY LISTING NOTICE

This is the last year of publication for the *Bibliography for Advancement Study*, NAVEDTRA 12052. The bibliography will be deleted effective January 1996. The following guidance is provided to ensure personnel are able to identify correct advancement study publications:

- *Bibliography for Advancement Study, NAVEDTRA 12052* — Continue using this last edition to initially identify study references for calendar year 1995 examinations. However, be sure to check the *Catalog of Nonresident Training Courses*, NAVEDTRA 12061, for up-to-date TRAMAN/NRTC titles and NAVEDTRA numbers, including **mandatory** TRAMAN/NRTC advancement eligibility requirements. Do NOT use for any calendar year 1996 examinations.
- *Catalog of Nonresident Training Courses, NAVEDTRA 12061* — Continue using to identify and order the most up-to-date TRAMAN/NRTC references, including **mandatory** TRAMAN/NRTC advancement eligibility requirements. The "catalog" will continue in its present form with a new section containing **mandatory** TRAMANS/NRTCs. The catalog does not and will not contain advancement study references other than TRAMANS/NRTCs. For references other than TRAMANS/NRTCs, refer to advancement handbooks.
- *Advancement Handbook for Petty Officers, NAVEDTRA 71000 (series)* — Continue using handbooks to initially identify study references. However, be sure to check the *Catalog of Nonresident Training Courses*, NAVEDTRA 12061, for up-to-date TRAMAN/NRTC reference listings, including **mandatory** TRAMAN/NRTC advancement eligibility requirements.

Advancement handbooks will continue as the only listing to include both TRAMANS/NRTCs and any other references recommended for study, such as instructions, manuals, guidebooks, regulations, standards, and so forth.

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ABF Aviation Boatswain's Mate (Aircraft)	ABF-1
ABH Aviation Boatswain's Mate (Aircraft Handling)	ABH-1
AC Air Traffic Controller	AC-1
AD Aviation Machinist's Mate	AD-1
AE Aviation Electrician's Mate	AE-1
AG Aerographer's Mate	AG-1
AK Aviation Storekeeper	AK-1
AME Aviation Structural Mechanic (Safety Equipment)	AME-1
AMH Aviation Structural Mechanic (Hydraulics)	AMH-1
AMS Aviation Structural Mechanic (Structures)	AMS-1
AO Aviation Ordnanceman	AO-1
AS Aviation Support Equipment Technician	AS-1
AT(I) Aviation Electronics Technician (Intermediate)	AT(I)-1
AT(O) Aviation Electronics Technician (Organizational)	AT(O)-1
AW(A) Aviation Warfare Systems Operator (Acoustic)	AWA-1
AW(H) Aviation Warfare Systems Operator (Helicopter)	AWH-1
AW(N) Aviation Warfare Systems Operator (Non-Acoustic)	AWN-1
AWC Aviation Warfare Systems Operator Chief	AWC-1
AZ Aviation Maintenance Administrationman	AZ-1
BM Boatswain's Mate	BM-1
BT Boiler Technician	BT-1
BU Builder	BU-1
CE Construction Electrician	CE-1
CM Construction Mechanic	CM-1
CTA Cryptologic Technician (Administrative)	CTA-1
CTI Cryptologic Technician (Interpretive)	CTI-1
CTM Cryptologic Technician (Maintenance)	CTM-1
CTO Cryptologic Technician (Communications)	CTO-1
CTR Cryptologic Technician (Collection)	CTR-1
CTT Cryptologic Technician (Technical)	CTT-1
DC Damage Controlman	DC-1
DK Disbursing Clerk	DK-1
DM Illustrator Draftsman	DM-1
DP Data Processing Technician	DP-1
DS Data Systems Technician	DS-1
DT Dental Technician	DT-1
EA Engineering Aid	EA-1
EM Electrician's Mate	EM-1

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EO	Equipment Operator	EO-1
ET	Electronics Technician (Submarine)	ET(SUB)-1
ET	Electronics Technician (Surface)	ET(SURF)-1
EW	Electronics Warfare Technician	EW-1
FC	Fire Controlman	FC-1
FT	Fire Control Technician	FT-1
GMG	Gunner's Mate (Guns)	GMG-1
GMM	Gunner's Mate (Missiles)	GMM-1
GSE	Gas Turbine Systems Technician (Electrical)	GSE-1
GSM	Gas Turbine Systems Technician (Mechanical)	GSM-1
HM	Hospital Corpsman	HM-1
HT	Hull Maintenance Technician	HT-1
IC	Interior Communications Electrician	IC-1
IM	Instrumentman	IM-1
IS	Intelligence Specialist	IS-1
JO	Journalist	JO-1
LI	Lithographer	LI-1
LN	Legalman	LN-1
MA	Master-At-Arms	MA-1
ML	Molder	ML-1
MM	Machinist's Mate	MM-1
MN	Mineman	MN-1
MR	Machinery Repairman	MR-1
MS	Mess Management Specialist	MS-1
MT	Missile Technician	MT-1
MU	Musician	MU-1
NC(C)	Navy Counselor (Counselor)	NC(C)-1
NC(R)	Navy Counselor (Recruiter)	NC(R)-1
OM	Opticalman	OM-1
OS	Operations Specialist	OS-1
OTA	Ocean Systems Technician (Analyst)	OTA-1
OTM	Ocean Systems Technician (Maintainer)	OTM-1
PC	Postal Clerk	PC-1
PH	Photographer's Mate	PH-1
PM	Patternmaker	PM-1
PN	Personnelman	PN-1
PR	Aircrew Survival Equipmentman	PR-1
QM	Quartermaster	QM-1
RM	Radioman	RM-1
RP	Religious Program Specialist	RP-1
SH	Ship's Serviceman	SH-1
SK	Storekeeper	SK-1
SM	Signalman	SM-1
STG	Sonar Technician (Surface)	STG-1
STS	Sonar Technician (Submarine)	STS-1
SW	Steelworker	SW-1
TM	Torpedoman's Mate (Submarine)	TM(SUB)-1
TM	Torpedoman's Mate (Surface)	TM(SURF)-1
UT	Utilitiesman	UT-1
WT	Weapons Technician	WT-1
YN	Yeoman	YN-1

INTRODUCTION

ABOUT THIS BIBLIOGRAPHY

This *Bibliography for Advancement Study*, historically called the "bibliography" or "bib," includes general Navy Enlisted Advancement System (NEAS) information and study reference listings. The listings support Personnel Advancement Requirements (PARs) and advancement-in-rate examinations (apprenticeships, military/leadership, and Navywide advancement-in-rate). The following study reference listings are provided in tables:

- Military requirements (for all ratings);
- Apprenticeships; and
- Ratings.

In addition to the study reference listings above, this bibliography also provides general information about the NEAS.

NOTE

This publication will be discontinued effective 1 January 1996. See the note on page i.

AUTHORIZED STUDY REFERENCES

Study reference listings are published each year in this bibliography and in advancement handbooks. The study references are selected by examination and training manual writers at the Navy Advancement Center Department, Naval Education and Training Program Management Support Activity (NETPMSA), Pensacola, Florida. Because advancement handbooks are printed about a month before this publication, it is occasionally necessary to make last-minute changes to correct or update specific study references in this publication. This may result in minor differences between the advancement handbooks and this publication. **If there is a difference, this publication takes precedence.**

GENERAL ADVANCEMENT INFORMATION

The bibliography is intended to assist ESOs and other responsible personnel in helping enlisted members prepare for advancement. The following paragraphs provide an overview of the NEAS, but should not be used as guidance. For authoritative guidance, ESOs and other responsible leaders should use the *Advancement Manual*, BUPERSINST 1430.16; enlisted personnel should be directed to their advancement handbooks.

OCCUPATIONAL AND NAVAL STANDARDS

Occupational standards (OCCSTDs) are the Navy's **minimum** requirements for enlisted occupational skills. They are the authority supporting personnel advancement requirements (PARs), rating training manuals (TRAMANs) and nonresident training courses (NRTC's), apprenticeship examinations, and Navywide advancement-in-rate examinations.

Naval standards (NAVSTDs) are the **minimum** skills and knowledge, other than those defined by occupational standards, that are essential to the overall effectiveness of enlisted personnel in the performance of duty. They are the authority underlying military requirements TRAMANs and NRTC's, and military/leadership examinations.

OCCSTDs and NAVSTDs are issued by the Bureau of Naval Personnel in the *Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards*, Volume I (NAVPERS 18068F).

DEVELOPMENT AND PRODUCTION OF PARs, TRAMANs, NRTC's, AND EXAMINATIONS

PARs, TRAMANs, NRTC's, and all advancement examinations are written by E-7/8/9 subject matter experts (SMEs) assigned to the Naval Education and Training Program Management Support Activity (NETPMSA), Pensacola, Florida. SMEs use OCCSTDs and

INTRODUCTION

NAVSTDs to support PARs, TRAMANs and NRTC's, and examinations. They also use study references listed in this bibliography.

ADVANCEMENT PATHS

A person's advancement path is the path that he or she would normally follow from recruit to master chief petty officer and on to chief warrant and limited duty officer programs.

In most ratings, a person progresses from PO3 through MCPO in the same GENERAL RATING. However, some general ratings do not start at PO3. For example, the Navy Counselor (NC) rating path begins at NC1 and goes to NCCM. Other general ratings **compress** at certain paygrades. Patternmaker (PM) and Molder (ML) are two general ratings that compress to form MLCS at the SCPO level. Also, some general ratings have SPECIALTY AREAS. The Aviation Warfare Systems Operator (AW) rating has three specialty areas: AWA (Acoustic), AWH (Helicopter), and AWN (Non-Acoustic).

Other general ratings contain SERVICE RATINGS. Sailors in service ratings are specialists in specific areas within a general rating. An example of a general rating with service ratings is Gunner's Mate (GM): GMG and GMM are service ratings that form two paths of advancement within the GM general rating. GMG and GMM start at third class and continue to first class. They compress at the chief (GMC) level.

Individuals in a rating that compresses must be prepared in all branches of the rating leading to the compression rate. For example, the GMC is responsible for both GMG and GMM rating skills.

QUOTAS

Vacancies in each rate are determined on the basis of current and prospective losses. The vacancies are converted to quotas for each rate in all Navy ratings. These quotas are used to determine the number of selectees for advancement in each advancement cycle.

A person's ability to fill one of the quotas in a rating depends on how well that person knows and does his or her job and on his or her initiative and readiness for advancement.

PROFESSIONAL DEVELOPMENT

A person's ability to advance in the Navy depends largely on his or her professional development. Two of the most important aspects of a person's professional development are **SUSTAINED SUPERIOR PERFORMANCE** and **STUDYING FOR ADVANCEMENT**. Sustained superior performance is shown by job performance. Study habits are reflected in examination performance, rating knowledge, and work performance.

Sustained Superior Performance

The key to success in the Navy is sustained superior performance. The higher the advancement goal, the stiffer the competition. The *Enlisted Performance Evaluation Report* must show that a person is among the best in the Navy, not just at his or her present command. It is the most significant management tool in the service record. The performance evaluation is one of the first documents used by superiors to make advancement decisions because it is a continuous record of a person's performance. A person can influence what goes into his or her evaluation by having sustained superior performance. In plain words, a person should **ALWAYS DO TOP-NOTCH WORK**.

Studying for Advancement

Study references listed in this bibliography contain TRAMANs, NRTC's, instructions, technical manuals, and other publications pertinent to each rating.

INTRODUCTION

A person should always use the latest editions of all references. The references listed in this bibliography were effective at the time of printing. However, because of revisions that occur to many of these publications, the sailor should always study the most up-to-date versions of the study references. NETPMSA SMEs are alert for changes to their bibliographies. If a reference for any examination questions changes, the SME makes whatever changes necessary to examination questions affected. Sometimes the questions are unaffected; sometimes they must be deleted. Either way, the sailor is never penalized on an advancement examination for studying the latest edition of a text or change to any instruction.

Persons studying for advancement should be sure to look up any additional references discovered in the listed study references during study. References that fall into this category are called WITHIN-TEXT REFERENCES. Such within-text references are not listed in this bibliography; rather, they are only discovered when a person is studying the study references from his or her advancement bibliography. For example, say a person is studying a topic in one of his or her TRAMANS and notes a reference to another publication for further information. This is a within-text reference; the well-prepared candidate will take the time necessary to look it up. The intent of the author in making reference to another publication is usually to provide the reader with additional or clarifying information. It would be impossible to list all the within-text references one might find in his or her study.

THE ADVANCEMENT PROCESS

An enlisted member must complete the following four major steps to advance:

1. Complete eligibility requirements to take the Navywide advancement-in-rate exam;
2. Pass the Navywide advancement-in-rate exam;
3. Have a final multiple score (FMS) high

enough to get selected or become selection board eligible; and

4. Be advanced by his or her commanding officer.

ELIGIBILITY REQUIREMENTS

A person must meet the following eligibility requirements to take the Navy advancement-in-rate exam:

Minimum Time-in-Rate (TIR) Requirements

Time in rate (TIR) is determined by one's service in paygrade (SIPG) plus, if eligible, USNR drill service in paygrade (DSPG).

Total Active Federal Military Service (TAFMS) Requirements

The Department of Defense (DOD) prescribes the Total Active Federal Military Service (TAFMS) as the minimum service one must have to compete as a REGULAR CANDIDATE for advancement. The TAFMS requirements for advancement to paygrades E-4 through E-9 are shown below.

<u>PAYGRADE</u>	<u>TAFMS</u>
E-4	2 Years
E-5	3 Years
E-6	7 Years
E-7	11 Years
E-8	16 Years
E-9	19 Years

Personnel who qualify in all other respects and are recommended by their commanding officer, but do not have the minimum TAFMS required to be a regular candidate, may still be able to compete as an EARLY CANDIDATE. However, the number of advancement quotas that may be filled by early candidates is determined by DOD manning restrictions to a maximum of 20 percent of the total enlisted forces for E-4, and 10 percent for E-5/6/7/8/9.

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Personnel Advancement Requirements (PARs)

PARs (located in Part C of Advancement Handbooks for Petty Officers) are used to verify a person's ability to meet minimum prerequisite skill qualifications required for advancement. PARs completion is **MANDATORY** for advancement to E-4 through E-7.

NOTE

PARs are applicable only to the paygrade for which a candidate is competing. Once PARs have been completed for the paygrade and entered in the candidate's service record, he or she is finished with that paygrade's PARs. If PARs are subsequently changed, an individual is **NOT** required to go back and complete new or changed requirements for a prior paygrade(s).

TRAMAN and NRTC Requirements

TRAMANs and NRTC's are prepared for individual study. They present information about a rate/rating. By studying the TRAMAN and completing its associated NRTC, a person will be able to learn important information about his or her rating. This information can be used in completing PARs and in preparing for Navywide advancement-in-rate examinations.

MANDATORY TRAMANs/ NRTC's.—Enlisted members **must** complete certain mandatory TRAMANs/NRTC's as part of their advancement eligibility requirements. Tables containing mandatory TRAMANs/NRTC's are marked as **mandatory requirements** in this bibliography and in advancement handbooks. To check for the most current mandatory TRAMAN/NRTC requirements, refer to the *Catalog of Nonresident Training Courses*, NAVEDTRA 12061, which is updated quarterly.

SATISFYING MANDATORY TRAMAN/NRTC REQUIREMENTS.—The *Advancement Manual*, BUPERSINST 1430.16,

cites cases in which exemptions from mandatory requirements may exist. Mandatory requirements may be accomplished by the following methods:

1. **Passing the nonresident training course (NRTC) based on the TRAMAN.** (This is the most commonly used method.)

a. Some mandatory TRAMANs/NRTC's are applicable to a single rate, others to two or more rates. **Satisfactory completion of a single-rate course, based on either a single- or multiple-rate TRAMAN/NRTC, satisfies the requirements for ONLY one rate.** For example, completion of the AK3 TRAMAN/NRTC satisfies the requirement only for AK3. For TRAMANs/NRTC's written for two or more rates, completion satisfies requirements for all rates listed. For example, completion of the EM 3&2 TRAMAN/NRTC satisfies requirements for both EM3 and EM2.

b. If a mandatory TRAMAN/NRTC is not available in the supply system, the requirement for completion is normally waived by the NAVADMIN message announcing the examination (See BUPERSINST 1430.16). **ESOs should be aware of waivers.**

2. **Satisfying the TRAMAN/NRTC requirement for a rate through class "A" school.**

Successful completion of class "A" school fulfills the requirement for completing a mandatory TRAMAN/NRTC for E-4, unless otherwise specified in BUPERSINST 1430.16. Completing a class "A" school **DOES NOT** satisfy completion requirements for military requirements TRAMAN/NRTC's, PARs, performance tests, mandatory E-3 TRAMAN/NRTC (SN, AN, FN), or military/leadership examination, unless the equivalent requirement is satisfactorily completed as part of the curriculum and appropriate entries are made in the service record.

a. Graduating from the expanded Apprenticeship Training Program (ATP) satisfies

INTRODUCTION

the requirements for completing mandatory apprenticeship training course(s) (SN, FN, AN) for advancement to paygrade E-3.

b. Only certain fleet and special schools are authorized to assign striker identifications to graduates. Personnel who have a school-assigned striker identification have met the mandatory rating training course(s) requirement for advancement, **BUT NOT** the military/leadership requirements or the specific apprentice training manual.

CAUTION

Even though a person may have been exempted from completing mandatory requirements for his or her last advancement, he or she may still be responsible for demonstrating a knowledge of the information in the mandatory publication for the **NEXT** higher rate, unless otherwise exempted. For example, an MM3 (who was automatically advanced after completing class "A" school) was not required to complete the MM 3&2 TRAMAN/NRTC to be eligible for advancement to MM3. However, to be eligible for MM2, that same person must meet the MM 3&2 TRAMAN/NRTC requirement.

Mandatory training courses are applicable only to the paygrade for which an individual is competing. Once such courses have been completed and entered in a service record, an individual is finished with that paygrade's advancement requirements. If mandatory training course requirements are subsequently changed, an individual is **NOT** required to go back and complete new or changed requirements for a prior paygrade(s). If however, individuals are not advanced and a mandatory training course requirement is **added** to the paygrade for which they are competing, they must complete that new requirement.

Navy Leadership (NAVLEAD) Course

To compete in the CPO examination, personnel must complete the LPO NAVLEAD course prior to 1 January of the examination year. For SCPO selection, personnel must complete the CPO NAVLEAD course prior to 1 October of the nomination year for advancement.

Required Service Schools

Candidates in certain ratings require a service school (at certain paygrades) to become eligible for advancement. (See the *Advancement Manual*.)

Citizenship, Security Clearance, Special Requirements for Certain Ratings

Generally, only U.S. citizens are assigned sensitive duties or granted access to classified information. For this reason, aliens generally are not permitted entry into ratings requiring access to classified information, unless citizenship is imminent. Information on citizenship, security clearance, and special requirements for each rating can be found in the *Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards*, Volume I (NAVPERS 18068F).

Minimum Performance Requirements

The minimum performance mark average (PMA) for a candidate to be eligible to take the E-4 through E-7 advancement-in-rate examination is 3.0. PMA is figured by adding all trait marks assigned in the present paygrade (including those prepared while serving in frocked status) received during the computation period specified in the respective Naval Administrative Message (NAVADMIN) based on the below minimum time-in-rate periods:

E-4 — 6 months as E-3

E-6 — 3 years as E-5

E-5 — 1 year as E-4

E-7 — 3 years as E-6

INTRODUCTION

The total of all marks on all valid evaluations (excluding traits marked NOB) are then divided by the number of marks to attain a PMA. **PMA is not required for E8/9 advancement candidates.**

Military/Leadership Examinations

Commanding officers use military/leadership examinations as a part of the overall qualifying process to determine an individual's qualifications for advancement. A person must demonstrate knowledge of naval standards by passing a military/leadership examination as part of the qualifications for advancement (PO3 through CPO). Military/leadership examinations are administered and graded at local commands.

Meet Physical Readiness Requirements

There are special fitness requirements for advancement. See the Physical Readiness Test (PRT) Coordinator for the latest requirements.

Recommended by the Commanding Officer

The recommendation of the commanding officer is the most important eligibility requirement in the Navy advancement process. The recommendation is not automatic, even if an individual has completed all other eligibility requirements. The recommendation shows that a person has convinced the chain of command, including the commanding officer, that he or she has the ability to perform the work and assume the duties of the next higher rate, particularly in terms of leadership and personal integrity.

Obligated Service Requirements for Advancement

Most ratings have no obligated service requirement to accept advancement to paygrades up to and including E-6. There are, however, exceptions. E-7/8/9 candidates have specific obligated service requirements for advancement.

NAVYWIDE ADVANCEMENT-IN-RATE EXAMINATIONS

Navywide advancement-in-rate examinations are given to all candidates who are (1) fully qualified for advancement, (2) capable of performing at the next higher rate, and (3) recommended for advancement by their commanding officers. Navywide advancement-in-rate examinations are given according to a set schedule at locations and times that are announced in the Plan of the Day. Active duty examinations are given in March and September for petty officer third class, petty officer second class, and petty officer first class, and in January for chief petty officer. Naval Reservist examinations are given in February for petty officer third class through chief petty officer and in August for petty officer third class through petty officer first class.

Examination Day

Every question on an advancement examination pertains to professional knowledge candidates should know about their job. All questions are thoroughly researched by the examination writer before they are included in an exam. **There are no "trick" questions on an advancement exam.** Every precaution is taken to ensure that each question on the examination is fair, and that it is based on a reference that is available to the person taking the exam.

The advancement examination will have 150 multiple-choice questions, each with four answer choices. The examination is given to everyone on the same day, worldwide. This examination is part of a RANK-ORDERING process for advancement selection. Just "getting by" may not be good enough for a person to advance.

Examination participants will have 3 hours to complete the exam. They should (1) fill in their answer sheets carefully, being very sure to blacken correct circles in the correct columns of their answer sheet, and (2) erase mistakes cleanly.

INTRODUCTION

After the Exam

When a person finishes an exam, the answer sheet is forwarded to NETPMSA. The answer sheet will be graded as quickly as possible, but there are many examinations to grade. The results will be reported after approximately 95 percent of the examinations have been processed.

THE SELECTION PROCESS

The Bureau of Naval Personnel (BUPERS) establishes **quotas** for each rate based on vacancies. The number of vacancies determines the number of candidates who can be selected — a number is generally less than the number of qualified candidates. The selection process identifies selectees by using a process called **rank-ordering**. In rank-ordering candidates, NETPMSA calculates the **final multiple score (FMS)** for each candidate and ranks each candidate by score — from the highest to the lowest. For example:

Assume there are 500 exam-passing candidates for BM3; but BUPERS has established that only 200 BM3 quotas are available. The FMSs for the 500 exam-passing candidates will be used to rank-order the candidates, from the *most* qualified to the *least*, thereby assisting in the selection.

Calculating the Final Multiple Score Considering the "Whole Person"

The FMS, which is used to rank-order and select from among all qualified, test-passing candidates, is based on the **"whole person"** concept. This concept considers the candidate's knowledge, experience, and performance, as calculated in the following factors:

1. **KNOWLEDGE** — Reflected in the **examination score**;
2. **EXPERIENCE** — Reflected in **length of service, time in rate, award points, and passed but not advanced points**; and

3. **PERFORMANCE** — Reflected in the **performance evaluation and awards**.

The candidate has the greatest influence over the examination score, PNA points, and personal performance — affecting performance mark average (PMA). Here is some information on these factors:

EXAMINATION SCORES.—When an examination is scored, the raw score is converted to a standard score that ranges from 20 to 80. Standard scores are used rather than raw scores to ensure that all examinations measure each candidate's performance on the examination in the same way.

PNA POINTS.—PNA points are automatically included in the FMS for E-4 through E-6 candidates. PNA points are given to any candidate who, **compared to other candidates**, achieved a relatively high examination score and/or had a relatively high performance mark average (PMA) on a previous exam cycle for the same rate, but was not advanced because of quota limitations. Maximum PNA points for one exam cycle is 3. Maximum cumulative PNA points for E-6 is 12; for E-4 and E-5, maximum is 10. PNA points are credited as follows:

<u>RELATIVE TEST SCORE</u>	<u>PNA POINTS</u>
Top 25 percent	1.5
Next 25 percent	1.0
Next 25 percent	0.5

<u>RELATIVE PERF MARK AVG</u>	<u>PNA POINTS</u>
Top 25 percent	1.5
Next 25 percent	1.0
Next 25 percent	0.5

PERFORMANCE MARK AVERAGE (PMA).— Performance evaluation marks are converted to a performance mark average (PMA), which is one of the most important factors used to compute the FMS. Remember, the FMS is used to rank-order a candidate against all other candidates who took the same examination. Thirty percent of PO3 and PO2 candidate's FMS is based on performance; it's 35 percent for PO1 candidates, and 40 percent for CPO candidates.

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Computing Final Multiple Score (FMS)

Table A-1 shows what comprises the FMS for E-4 through E-7 (only PMA and SS are used for E-7). Refer to BUPi RSINST 1430.16 for instructions on computing FMS.

Exceptions to the FMS for E-7, E-8, and E-9

Only two factors are included in the FMS for E-7 candidates: PMA and standard score. Final multiple scores are not applicable for advancement to E-8 and E-9 because there is no E-8 or E-9 examination.

Notification of Results

When examination results arrive at a command, candidates are given an EXAMINATION PROFILE INFORMATION FORM (see figure A-1) and a TEAR SHEET (see figure A-2). A person should compare his or her Profile Information Form to the Tear Sheet to evaluate his or her examination performance (E-8 and E-9 candidates do not receive these forms).

Table A-1.— Computing the Final Multiple

FACTOR	EXAMINATION PAYGRADE	COMPUTATION	MAXIMUM POINTS and (%)		
			E-4/5	E-6	E-7
Standard Score (SS)	ALL	Indicated on Exam Profile Sheet	80(35%)	80(30%)	80(60%)
Performance	E-4/5	PMA X 60-170	70(30%)		
	E-6	PMA X 60-148		92(35%)	
	E-7	PMA X 13			52(40%)
Length of Service (LOS)*	E-4/5	(TAS-SIPG)+15	30(13%)		
	E-6	(TAS-SIPG)+19		34(13%)	
Service in Paygrade (SIPG)*	E-4/5	2 X SIPG +15	30(13%)		
	E-6	2 X SIPG +19		34(13%)	
Awards	E-4/5	Values in advancement manual	10(4.5%)		
	E-6			12(4.5%)	
PNA Points	E-4/5	See past Profile Form	10(4.5%)		
	E-6			12(4.5%)	
Max. FMS Possible	ALL		230 (100%)	264 (100%)	132 (100%)
* After calculating LOS and SIPG by using years/months, convert to decimal by using the following conversions:					
<u>Month</u>	<u>Fraction</u>	<u>Month</u>	<u>Fraction</u>	<u>Month</u>	<u>Fraction</u>
1	.08	4	.33	7	.58
2	.17	5	.42	8	.67
3	.25	6	.50	9	.75
				10	.83
				11	.92

INTRODUCTION

NPPSDOPNCLA 10461/94 (6-90)


FROM: COMMANDING OFFICER

TO: (YOUR NAME WILL APPEAR HERE)

SUBJ: EXAMINATION PROFILE INFORMATION

DEPARTMENT OF THE NAVY

NAVAL EDUCATION AND TRAINING PROGRAM
MANAGEMENT SUPPORT ACTIVITY
PENSACOLA, FLORIDA 32509-5555



SERIES / DATE ACTIVITY CODE
 12345 AB

← (YOUR EXAM SERIAL NUMBER AND THE DATE WILL APPEAR HERE)

① _____

② _____

THE INFORMATION PROVIDED BELOW IS A PROFILE OF YOUR RELATIVE STANDING WITH ALL OTHERS IN YOUR RATE IN EACH SUBJECT-MATTER SECTION. THE INFORMATION IS TO BE USED WITH THE SUBJECT-MATTER IDENTIFICATION SHEET FOR THE EXAMINATION SERIES INDICATED. STANDINGS ARE BASED ON OVER 90% RETURNS. NO SIGNIFICANT CHANGE WITH ALL RETURNS IN.

EXAMINATION STATUS	YOUR FINAL MULTIPLE	MINIMUM MULTIPLE REQUIRED	⑥ SECTION	1	2	3	4	5	6	7	8	9	10	11	12	PAGE
③	④	⑤	STANDING	A	A	HA	L	P	LA	P	A	E				

COPY TO SERVICE RECORD

CODE IDENTIFICATION

S (Superior) = Upper 10%
E (Excellent) = Upper 20%
H (High) = Upper 30%

HA (High Average) = Upper 40%
A (Average) = Middle
LA (Low Average) = Lower 40%

L (Low) = Lower 30%
P (Poor) = Lower 20%
VP (Very Poor) = Lower 10%

YOU MAY CONTACT YOUR ESO FOR DATA USED FOR YOUR MULTIPLE COMPUTATION

1. PREVIOUSLY RECEIVED PNA POINTS.—Shows PNA points a person previously received (included in person's FMS).
2. PROJECTED PNA POINTS.—Shows projected PNA points from this exam for the next exam cycle. Automatically added to person's FMS on the next exam.
3. EXAMINATION STATUS.—Shows whether a person passed or failed and his or her exam standard score. For example, PASS/SS 56 would mean the person passed the exam and his or her standard score was 56.
4. FINAL MULTIPLE.—Shows the FMS.
5. MINIMUM MULTIPLE REQUIRED.—Shows the minimum FMS required for advancement in a given rate. If the final FMS were equal to or higher than this figure, the person would be selected for advancement.
6. SECTION/STANDING 1-12.—Shows the examination section and a person's standing in that section compared to all others who took that exam. The section number corresponds with the sections shown on the Examination Tear Sheet (figure A-2). Personnel should use this information to discover how well they fared on this exam only. Personnel **SHOULD NOT** base future examination study on the profile form or the tear sheet. Remember, each exam is new. NOTE: SEE INFORMATION ABOUT PROFILE FORM MYTHS AT THE END OF THIS INTRODUCTION.

Figure A-1.—Examination Profile Information Form.

INTRODUCTION

Give This Sheet To Your Proctor
**ADVANCEMENT EXAMINATION TEAR SHEET FOR ALL
ABZ
EXAMINATIONS WITH SERIAL NUMBERS
FROM 1380001 TO 1389999**

WHAT TO FILL IN

Fill in NAME, RATE, SSN, DIV, AND SHIP/STATION in the spaces provided at the bottom, then give this sheet to your **EXAM PROCTOR**.

HOW TO USE THIS SHEET

Compare this sheet with your *Examination Profile Information Form* to find your level of success, as compared to all others in your rate taking this exam. See the back of this sheet for an explanation of the *Examination Profile Information Form*.

WHAT IS THE SOURCE OF EXAM QUESTIONS

Exam questions are written by chief petty officers in your rating from the perspective of job experience and knowledge and are supported by occupational standards listed by rating in Volume I of the *Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards*, NAVPERS 18068. Do not expect to find questions and responses written directly from references.

DO NOT use this sheet to study for the next exam. Exam content varies from one exam series to another. This sheet is for this exam only, **NOT** future exams.

SECTION	JOB AREAS AND KNOWLEDGE
1	<i>Electronic Theory.</i> Electronic components; Schematics; AC and DC Theory; Circuit Diagrams
2	<i>Electronic and Electrical Maintenance.</i> Troubleshooting Techniques; General Equipment Repair; Test Equipment Operation and Maintenance
3	<i>Electronic Countermeasures.</i> Threat Identification; Threat Countermeasures; Emergency Conditions
4	<i>Security.</i> Communications Security; Personal Censorship; Emergency Destruction; Storage and Handling
5	<i>Technical Administration.</i> ESM Logs; Technical Library Maintenance; Equipment Maintenance
6	<i>Documentation</i>
7	<i>Electronic System Operations.</i> Radiation Characteristics; ESM System Capabilities and Limitations; General Operating Procedures
8	<i>Communications.</i> Radiotelephone Procedures; Tactical Communications

Under authority of Title 5 USC 301, information regarding your military status is requested. The information will be used to match exam results and profile information. This information will not be divulged, without written authorization, to anyone other than those within DOD for official use in determining performance.

NAME: _____ RATE: _____ SSN: _____

DIV: _____ SHIP/STATION: _____

Figure A-2.—Tear Sheet.

INTRODUCTION

ADVANCEMENT

A person selected for advancement may have to wait before actually being advanced. BUPERS specifies the number of advancements that may be made each month. NETPMSA "fair-shares" these advancements among the ratings.

Selectees are advanced in increments. E-4 through E-9 advancements are made in two segments consisting of monthly increments (see table A-2).

Remember, although NETPMSA issues the authority to advance an individual, **the commanding officer is the one who will actually award the ADVANCEMENT**, provided the person has maintained his/her eligibility up to the effective date of advancement.

Table A-2.—Segments and Increments for Advancement

CANDIDATES FOR	EXAM OR NOMINATION	SEL BRD CONVENES	SELECTEES NOTIFIED	ADVANCEMENT INCRMTS/SEGMTS
E-4/5/6	MAR SEP	NA NA	JUN SEP DEC MAR	JUL-SEP (1st) OCT-DEC (2nd) JAN-MAR (1st) APR-JUN (2nd)
E-7	JAN	JUN	AUG FEB	SEP-FEB (1st) MAR-AUG (2nd)
E-8/9	NOV ¹	MAR	JUN DEC	JUL-DEC (1st) JAN-JUN (2nd)

¹Month of nomination for advancement by commanding officer.

Frocking

Frocking is an administrative authorization to assume the title and wear the uniform of a higher paygrade without entitlement to the pay and allowances of that grade. Frocking provides early recognition for members selected for petty officer third class through master chief petty officer. After verifying eligibility data, commands may frock selectees as follows:

E-4 FROCKING.—Qualified E-4 selectees (including those in a training status) may be frocked as soon as the Examination Status Verification Report (ESVR)/Rating Change Authorization (RCA) announcing selectee status has been verified and after completing the Petty Officer Indoctrination Course (POIC).

E-5/6 FROCKING.—Qualified E-5/6 selectees

may be frocked once the data on the ESVR/RCA announcing selectee status has been verified.

E-7 FROCKING.—Qualified E-7 selectees may be frocked no earlier than the first advancement increment (normally 16 Sep) and after completing the Chief Petty Officer Indoctrination Course (CPOIC).

E-8/9 FROCKING.—Qualified E-8/9 selectees may be frocked upon receipt of the selection board results (usually by NAVADMIN message).

ADVANCEMENT HANDBOOKS

The *Advancement Handbook for Petty Officers* (one for each rating) is a convenient tool for personnel studying for advancement. It provides, in one easy-to-use handbook, information to personnel who need to prepare for advancement. Each handbook presents a bibliography for advancement

INTRODUCTION

examination study and Personnel Advancement Requirements (PARs). Each PAR includes a PAR initial and date line. Supervisors should use PARs to evaluate each person's occupational readiness for advancement in rate or change in rating. A PARs Completion Memorandum form signed off by a division/supervising officer indicates satisfactory completion of all the PARs.

The *Advancement Handbook for Apprenticeships* (combines AN, CN, DN, FN, HN, and SN into one book) serves the same function as the handbooks for petty officers, with the exception of PARs. There are no PARs for apprenticeships.

Petty officer and apprenticeship handbooks are produced by the Naval Education and Training Program Management Support Activity (NETPMSA). Distribution is NOT automatic.

An individual copy of the *Advancement Handbook for Petty Officers* should be ordered, by rating, for each individual preparing for advancement to the next higher paygrade. A copy of the *Advancement Handbook for Apprenticeships* should be ordered for each individual preparing for E-3. Each command is responsible for ensuring that a copy of the appropriate handbook is provided to each candidate preparing for advancement.

The Naval Education and Training Program Management Support Activity issues an ordering letter for advancement handbooks in February or March. The order blank should be completed and returned before 31 March to the following address:

COMMANDING OFFICER
NETPMSA CODE 03221
6490 SAUFLEY FIELD ROAD
PENSACOLA, FLORIDA 32509-5126

INTRODUCTION

KEY POINTS FOR THE ESO TO REMEMBER ABOUT THE BIBLIOGRAPHY

- The bibliography is valid until changed. Where there is a difference between this bibliography and the bibliography in the advancement handbook, this publication takes precedence. (The handbooks are prepared before the *Bibliography for Advancement Study*. Therefore, some references herein may have been updated.)
- Some E-3 and E-4 mandatory training course requirements may be fulfilled by successfully completing an appropriate apprentice program or class "A" school.
- A person should study the bibliography for the next higher rate, present rate, and lower rates in his or her path of advancement.
- The bibliography for each rating is only the starting point of a person's study for advancement. Within-text references (specific referrals) form the balance of the bibliography and should be considered study material.
- PARs and mandatory training courses are applicable only to the paygrade for which an individual is competing. Once the requirements have been completed and documented in the candidate's service record, the individual is finished with that paygrade's advancement requirements. An individual is **NOT** required to go back and complete new or changed requirements for a prior paygrade(s). If, however, individuals are not advanced and a mandatory training course requirement is added to the paygrade for which they are competing, they must complete that new requirement.
- Command is responsible for ordering advancement handbooks. **DISTRIBUTE HANDBOOKS TO ALL HANDS UPON RECEIPT.**

QUESTIONS OFTEN ASKED OF EXAM WRITERS

- *How can I best prepare for advancement?* Be a top-notch performer. Gain experience in all aspects of your rating. Study publications listed in your *Bibliography for Advancement Study* for your present rate, the rate below, and the rate for which you are competing.
- *Will I find word-for-word answers to exam questions in referenced publications?* For the military/leadership exam, the answer is "probably so," as it is a *qualifying* exam with questions similar to questions in the mandatory military TRAMAN/NRTC. For the Navywide advancement-in-rate exam, the answer is NO. This exam is a *rank-ordering* exam with questions written at the highest level of application to ensure selection of only the "best" candidates from a group of fully qualified candidates.
- *How can I improve my test scores?* To score high on the Navywide advancement-in-rate exam, you need to be able to *understand and apply* the concepts presented in your mandatory TRAMAN/NRTC and all reference publications for which you are responsible. Use your Examination Tear Sheet, along with your Examination Profile Information Form, to identify subject matter areas in which you need to improve your knowledge. Study **ALL** reference publications to fully understand the application of the material to your rating.

EXAMINATION PROFILE INFORMATION FORM AND TEAR SHEET "MYTHS"

MYTH 1 — "The profile form tells candidates how many questions they answered correctly in each examination section."

NOT TRUE. The profile form only tells candidates how well they did in each examination section in relation to their peers. For example: A rating of superior indicates a candidate was in the top 10 percent of the candidates taking this section -- NOT how many questions were answered correctly. A superior standing simply tells candidates that *they answered MORE questions correctly than their peers who were rated below superior.*

MYTH 2 — "The profile form tells candidates what they should study for the NEXT exam."

NOT TRUE. The profile form only reflects how well candidates performed, in relation to their peers, on THIS exam. The NEXT examination will not have the same questions, and candidates will not be competing with the same peers. There are no shortcuts! For the next exam, candidates should always study the bibliography listed in their advancement handbook.

MYTH 3 — "Profile forms may be used as a basis for training programs."

NOT TRUE because of the reasons stated in myths 1 and 2. Again, there are no shortcuts. A training program that covers the entire advancement handbook bibliography will produce the best results. One method of organizing study is to use Personnel Advancement Requirements (PARs). PARs are divided into job areas with pertinent references listed for each job area.

MILITARY AND APPRENTICESHIP REQUIREMENTS

Mandatory Military Requirements For All Ratings

GRADE	TRAMAN/NRTC TITLE	IDENTIFYING NUMBER
E-3	Basic Military Requirements	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES & NAVEDTRA NUMBERS
E-4	Military Requirements for PO3	
E-5	Military Requirements for PO2	
E-6	Military Requirements for PO1	
E-7	Military Requirements for CPO	
E-8/9	Military Requirements for Senior and Master CPO	

Basic Bibliography For Apprenticeships

(Mandatory Requirements Marked With An Asterisk (*))

APPREN- TICESHIP	TRAMAN/NRTC TITLE	IDENTIFYING NUMBER
AN	* AIRMAN	(TRAMAN -- See NAVEDTRA 12061)
	Use and Care of Hand Tools and Measuring Tools	(TRAMAN -- See NAVEDTRA 12061)
	Aircraft Weapons System Cleaning and Corrosion Control	NAVAIR 01-1A-509, Jul 88
FN	* FIREMAN	(TRAMAN -- See NAVEDTRA 12061)
	Use and Care of Hand Tools and Measuring Tools	(TRAMAN -- See NAVEDTRA 12061)
SN	* SEAMAN	(TRAMAN -- See NAVEDTRA 12061)
	Use and Care of Hand Tools and Measuring Tools	(TRAMAN -- See NAVEDTRA 12061)
CN, DN, HN	There are no E-3 Apprenticeship Examinations or mandatory TRAMANS/NRTCs for these three apprenticeships.	

AVIATION BOATSWAIN'S MATE (ABE)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
ABE3	ABE 3&2 TRAMAN ABE 3&2 NRTC	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
ABE2			
ABE1	ABE 1&C TRAMAN ABE 1&C NRTC		
ABEC			

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
ABE3	
Operation Instructions C-7, C-11 Catapults--Sec 1	NAVAIR 51-15AAA-1
Operation Instructions C-13, C-13 Mod 1 Catapults, CV 63 to CV 66--Sec 1	NAVAIR 51-15ABB-1
Operation Instructions C-13, C-13 Mod 1 Catapults, CV 41 and CV 67--Sec 1	NAVAIR 51-15ABC-1
Operation Instructions C-13 Mod 1, C-13 Mod 2 Catapults, CVN 68 to CVN 73--Sec 1	NAVAIR 51-15ABD-1
Maintenance and Overhaul Instructions C-7, C-11 Catapults--Sec 1	NAVAIR 51-15AAA-2
Maintenance and Overhaul Instructions C-13, C-13 Mod 1 Catapults, CV 63 to CV 66--Sec 1	NAVAIR 51-15ABB-2
Maintenance and Overhaul Instructions C-13, C-13 Mod 1 Catapults, CV 41 and CV 67--Sec 1	NAVAIR 51-15ABC-2
Maintenance and Overhaul Instructions C-13 Mod 1, C-13 Mod 2 Catapults, CVN 68 to CVN 73--Sec 1	NAVAIR 51-15ABD-2
Operation and Maintenance Instructions, MK 7 Mod 3 Arresting Gear--Secs 2 through 4, 15 through 17, 21, 23, 33 and 34	NAVAIR 51-5BCA1.1
Operation and Maintenance Instructions and IPB, MK 2 Nose Gear Launch Equipment--Sec 1	NAVAIR 51-25-19
Operation, Maintenance, and Overhaul Instructions, MK 4 Mod 1, MK 2 Mod 0 Bridle Arresters--Sec 3	NAVAIR 51-05-27
Operation, Maintenance, and Overhaul Instructions, MK 6 Mod 3, Jet Blast Deflector--Sec 1	NAVAIR 51-70-10
Operation, Maintenance, and Overhaul Instructions, MK 7 Mod 0, Jet Blast Deflector--Sec 1	NAVAIR 51-70-3
Aircraft Launch and Recovery Equipment Maintenance Program (ALREMP)--Chaps 1 through 6	OPNAVINST 4790.15A
Ship's Maintenance and Material Management (3-M) Manual--Chaps 1 through 8	OPNAVINST 4790.4B

AVIATION BOATSWAIN'S MATE (ABE)

REFERENCE TITLE	IDENTIFYING NUMBER
ABE2	
Maintenance and Overhaul Instructions, C-7, C-11 Catapults-- Secs 3 through 4	NAVAIR 51-15AAA-2
Maintenance and Overhaul Instructions C-13, C-13 Mod 1 Catapults, CV 63 to CV 66--Sec 5	NAVAIR 51-15ABB-2
Maintenance and Overhaul Instructions C-13, C-13 Mod 1 Catapults, CV 41 and CV 67--Secs 3 and 5	NAVAIR 51-15ABC-2
Maintenance and Overhaul Instructions C-13 Mod 1, C-13 Mod 2 Catapults, CVN 68 to CVN 73--Secs 4 and 6	NAVAIR 51-15ABD-2
Operation and Maintenance Instructions MK 7 Mod 3 Arresting Gear--Secs 5 through 14, 19, 20, 22, 24 through 30, 32	NAVAIR 51-5BCA1.1
Operation and Maintenance Instructions and IPB, MK 2 Nose Gear Launch Equipment--Secs 4 and 5	NAVAIR 51-25-19
Operation, Maintenance, and Overhaul Instructions, MK 6 Mod 3, Jet Blast Deflector-- Secs 6 through 9	NAVAIR 51-70-10
Operation, Maintenance, and Overhaul Instructions, MK 7 Mod 0, Jet Blast Deflector--Secs 7 through 10	NAVAIR 51-70-3
Aircraft Launch and Recovery Equipment Maintenance Program (ALREMP)--Chaps 7 through 10	OPNAVINST 4790.15A
Quality Assurance Manual (Forces Afloat)--Chap 7	COMNAVAIRLANT/ PACINST 9090.1B
Nondestructive Inspection Methods Technical Manual--Chap 2	NAVAIR 01-1A-16
ABE1	
Maintenance and Overhaul Instructions, C-7, C-11 Catapults--Sec 9	NAVAIR 51-15AAA-2
Maintenance and Overhaul Instructions C-13, C-13 Mod 1 Catapults, CV 63 to CV 66--Secs 3 through 6	NAVAIR 51-15ABB-2
Maintenance and Overhaul Instructions C-13, C-13 Mod 1 Catapults, CV 41 and CV 67--Sec 6	NAVAIR 51-15ABC-2
Operation and Maintenance Instructions MK 7 Mod 3 Arresting Gear-- Secs 11 and 31	NAVAIR 51-5BCA1.1
Operation and Maintenance Instructions and IPB, MK 2 Nose Gear Launch Equipment--Sec 6	NAVAIR 51-25-19
Operation, Maintenance, and Overhaul Instructions, MK 4 Mod 1, MK 2 Mod 0 Bridle Arresters--Sec 2 and 8	NAVAIR 51-05-27
Operation, Maintenance, and Overhaul Instructions, MK 6 Mod 3, Jet Blast Deflector--Sec 2	NAVAIR 51-70-10
Operation, Maintenance, and Overhaul Instructions, MK 7 Mod 0, Jet Blast Deflector--Sec 3 and 4	NAVAIR 51-70-3
Digital Endspped Indicator System (DESI) Operation and Maintenance Instructions--Sec 2	NAVAIR 51-15-ABE-2
Aircraft Launch and Recovery Equipment Maintenance Program (ALREMP)--Chap 11	OPNAVINST 4790.15A
Ship's Maintenance and Material Management (3-M) Manual--Chap 9	OPNAVINST 4790.4B

AVIATION BOATSWAIN'S MATE (ABE)

REFERENCE TITLE	IDENTIFYING NUMBER
Air Department Standard Operating Procedures--Chaps 5 and 6	COMNAVAIRLANT/ PACINST3100.4
Aircraft Launch and Recovery Equipment Corrosion Control Manual--Secs 1 and 2	NAVAIR 51-5-32
CV Naval Training and Operating Procedures Standardization Program (NATOPS) Manual--Chap 5	NAVAIR 00-80T-105
ABEC	
Maintenance and Overhaul Instructions, C-7, C-11 Catapults	NAVAIR 51-15AAA-2
Maintenance and Overhaul Instructions C-13, C-13 Mod 1 Catapults, CV 63 to CV 66	NAVAIR 51-15ABB-2
Maintenance and Overhaul Instructions C-13, C-13 Mod1 Catapults, CV 41 and CV 67	NAVAIR 51-15ABC-2
Operation and Maintenance Instructions, MK 7 Mod 2 Arresting Gear	NAVAIR 51-5BBA-1.1
Maintenance and Overhaul Instructions C-13 Mod 1, C-13 Mod 2 Catapults, CVN 68 to CVN 73	NAVAIR 51-15ABD-2
Operation and Maintenance Instructions MK 7 Mod 3 Arresting Gear	NAVAIR 51-5BCA1.1
Operation and Maintenance Instructions and IPB, MK 2 Nose Gear Launch Equipment	NAVAIR 51-25-19
Operation, Maintenance, and Overhaul Instructions, MK 4 Mod 1, MK 2 Mod 0 Bridle Arresters	NAVAIR 51-06-27
Operation, Maintenance, and Overhaul Instructions, MK 6 Mod 3, Jet Blast Deflector	NAVAIR 51-70-10
Operation, Maintenance, and Overhaul Instructions, MK 7 Mod 0, Jet Blast Deflector	NAVAIR 51-70-3
Digital Endspped Indicator System (DESI) Operation and Maintenance Instructions	NAVAIR 51-15-ABE-2
Aircraft Launch and Recovery Equipment Maintenance Program (ALREMP)	OPNAVINST 4790.15A
Aircraft Launch and Recovery Operations Manual	COMNAVAIRLANTINST 13800.3C / COMNAVAIRPACINST 13800.9A
Navy Occupational and Safety Program Manual	OPNAVINST 5100.23B
Navy Safety Precautions For Forces Afloat	OPNAVINST 5100.19A
CV Naval Training 2nd Operating Procedures Standardization Program (NATOPS) Manual	NAVAIR 00-80T-105

AVIATION BOATSWAIN'S MATE (ABF)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
ABF3	ABF TRAMAN	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
ABF2	ABF 3&2 NRTC		
ABF1	ABF TRAMAN		
ABFC	ABF 1&C NRTC		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
ABF3	
Air Department Standard Operating Procedures-- Chaps 1 and 2	COMNAVAIRPAC/ LANTINST 3100.4
Aircraft Refueling Handbook	MIL-HDBK-844(AS)
Aircraft Refueling NATOPS Manual--Chaps 2 through 5	NAVAIR 00-80T-109
Basic Machines	(TRAMAN--See NAVEDTRA 12061)
Blueprint Reading and Sketching	(TRAMAN--See NAVEDTRA 12061)
CV NATOPS Manual--Appendix A and B	NAVAIR 00-80T-105
Surface Ship Damage Control	- NWP 62-1
Fluid Power--Chaps 1 through 4	(TRAMAN--See NAVEDTRA 12061)
Maintenance Manual for JP-5 Service Pumps--Chaps 1, 2, and 5	NAVSEA S6225-T9-MMA-010
Maintenance Manual for Cla-Val Aircraft Fuel/Defuel Stations--Chaps 1, 2, and 5	NAVSEA S9542-AL-MMM-010
NSTM, Chap 505, Piping Systems	NAVSEA S9086-RK-STM-010
NSTM, Chap 541, Petroleum Fuel Storage, Use and Testing	NAVSEA S9086-SN-STM-002
NSTM, Chap 542, Gasoline and JP-5 Fuel Systems--Secs 2 and 4	NAVSEA S9086-SP-STM-010
Shipboard Aviation JP-5 Fuel Systems (Surface Ships)-- Chaps 1 and 5	NAVSEA 9542-AA-MMO-010
Ships' Maintenance and Material Management (3M) Manual-- Chaps 1 and 5	OPNAVINST 4790.4
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
ABF2	
Maintenance Manual for Motor Driven JP-5 Transfer Pump	NAVSEA S6226-CS-MMA-010/59180
Navy Safety Precautions for Forces Afloat	OPNAVINST 5100.19
Ships' Maintenance and Material Management (3M) Manual-- Chaps 2 and 9	OPNAVINST 4790.4
Technical Manual for Pressure Fuel Servicing Locking Nozzle, Part No. 6902	NAVAIR 12-1CA-1
Technical Manual for Limitorque Valve Operators	NAVSEA S6435-PB-MMA-010-52374
Technical Manual for 300 G.P.M. Filter Separator	NAVSEA S9550-AK-MMM-010
Technical Manual for JP-5 Jet Fuel Centrifugal Purifier	NAVSEA S9542-AB-MMO-010
Air Department Standard Operating Procedures-- Chaps 3, 8, 9, and 11	COMNAVAIRPAC/ LANTINST 3100.4

AVIATION BOATSWAIN'S MATE (ABF)

REFERENCE TITLE	IDENTIFYING NUMBER
Aircraft Refueling NATOPS Manual--Chaps 6 through 13	NAVAIR 00-80T-109
Maintenance Manual for JP-5 Service Pumps	NAVSEA S6225-T9-MMA-010
Maintenance Manual for Cla-Val Aircraft Fuel/Defuel Stations	NAVSEA S9542-AL-MMM-010
NSTM, Chap 542, Gasoline and JP-5 Fuel Systems--Sec 3	NAVSEA S9086-SP-STM-010
Shipboard Aviation JP-5 Fuel Systems (Surface Ships)	NAVSEA 9542-AA-MMO-010
ABF1	
CV NATOPS Manual	NAVAIR 00-80T-105
Fluid Power	(TRAMAN--See NAVEDTRA 12061
General Specifications for Ships (GenSpecs)	NAVSEA S9AA0-AA-SPN-010/GENSPEC
Military Handbook, Electrical Grounding for Aircraft Safety	MIL-HDBK-274(AS)
Military Standardization Handbook, Quality Surveillance Handbook for Fuels, Lubricants and Related Products	MIL-HDBK-200G
NAVAIROSH Requirements for the Shore Establishment	NAVAIR A-1-NAOSH-SAF-000-P-5100-1
NSTM, Chap 555, Firefighting-Ship	NAVSEA 5916-S3-STM-010
Petroleum Fuel Facilities Design Manual	NAVFAC DM-22
Ships' Maintenance and Material Management (3M) Manual--Chaps 6 and 8	OPNAVINST 4790.4
Technical Manual for 2000 G.P.M. Filter Separator	NAVSEA S9550-AL-MMM-010
ABFC	
Environmental and Natural Resources Program Manual	OPNAVINST 5090.1
Maintenance and Operation of Petroleum Fuel Facilities	NAVFAC MO-230
Oil Spill Control for Inland Waters and Harbors	NAVFAC P-908
Ships' Maintenance and Material Management (3M) Manual	OPNAVINST 4790.4
Technical Manual Tank Level Indicating and Control (TLIC) System	NAVSEA S9540-AD-MMM-010

AVIATION BOATSWAIN'S MATE (ABH)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
ABH3	ABH 3&2 TRAMAN ABH 3 NRTC	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
ABH2	ABH 3 & 2 TRAMAN ABH 2 NRTC		
ABH1	ABH 1&C TRAMAN		
ABHC	ABH 1&C NRTC		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
ABH3	
NATOPS, CV Manual	NAVAIR 00-80T-105
NATOPS, LHA/LPH/LPD Manual	NAVAIR 00-80T-106
Air Department Standard Operating Procedures (SOP)--Chaps 1 through 7 and 9 through 14	COMNAVAIRPAC/ COMNAVAIRLANTINST 3100.4
A/C Handling and Securing Equipment	NAVAIR 17-1-537
NATOPS, U.S. Navy Aircraft Crash and Salvage Operations Manual (Afloat)	NAVAIR 00-80R-19
NATOPS, U.S. Navy Aircraft Emergency Rescue Information Manual	NAVAIR 00-80R-14-1
NATOPS, U.S. Navy Aircraft Firefighting and Rescue Manual	NAVAIR 00-80R-14
NATOPS, U.S. Navy Aircraft Crash and Salvage Operations Manual (Ashore)	NAVAIR 00-80R-20
Department of the Navy Air Terminal Procedures--Chaps 1 through 5	OPNAVINST 4660.3
NSTM, Chap 634, Deck Coverings	NAVSEA S9086-VG-STM-000
NSTM, Chap 631, Preservation of Ships in Service (Surface Preparation and Painting)	NAVSEA S9086-VD-STM-000
U.S. Navy Support Equipment	NAVAIR 00-80T-96
Visual Landing Aids General Service Bulletin No. 8, Rev	NAVAIRENGCEN 91131
Ships' Maintenance and Material Management (3-M) Manual-- Chaps 1 through 6 and 9	OPNAVINST 4790.4
NSTM, Chap 613, Wire and Fiber Rope and Rigging	NAVSEA S9086-S3-STM-010
NSTM, Chap 555, Firefighting-Ship	NAVSEA S9086-UU-STM-010
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--SEE NAVEDTRA 12061)
Basic Machines--Chaps 2, 5, and 7	(TRAMAN--SEE NAVEDTRA 12061)
Deck Edge Hydraulic Airplane Elevators--Pt 111	NAVSEA 0383-LA-007-9000
Blueprint Reading and Sketching	(TRAMAN--SEE NAVEDTRA 12061)
Ground Support Equipment Cleaning and Corrosion Control-- Chaps 1 through 4	NAVAIR 17-1-125
Standard Organization and Regulations of the U.S. Navy	OPNAVINST 3120.32
NSTM, Chap 589, Cranes	NAVSEA S9086-T4-STM-010
Technical Manual, Aircraft Crash Handling and Salvage Crane A/S 32A-36--Chaps 2 through 7	AG-310D0-0MM-000

AVIATION BOATSWAIN'S MATE (ABH)

REFERENCE TITLE	IDENTIFYING NUMBER
Navy Safety Precautions for Forces Afloat	OPNAVINST 5100.19
Surface Ship Damage Control	NWP 62-1
Handbook Operation Maintenance and Overhaul Instruction with Illustrated Parts Breakdown, Field Emergency Arresting Gear E-5, E-5 Mod 1, E-5 Mod 2, and E-5 Mod 3 (Chain Gear)--Chaps 1 through 6	NAVAIR 51-5-28
Operation, Maintenance, IPB and Overhaul E-28 Shore Base Emergency Gear	NAVAIR 51-5-31
ABH2	
Air Department Standard Operating Procedures (SOP)--Chap 15	COMNAVAIRPAC/ COMNAVAIRLANTINST 3100.4
Department of the Navy Air Terminal Procedures--Chaps 6 and 7	OPNAVINST 4660.3
Basic Machines--Chaps 10 and 11	(TRAMAN--See NAVEDTRA 12061)
Ground Support Equipment Cleaning and Corrosion Control	NAVAIR 17-1-125
Technical Manual, Aircraft Crash Handling and Salvage Crane A/S 32A-36--Chaps 8 through 10	AG-310D0-OMM-000
Handbook Operation Maintenance and Overhaul Instruction with Illustrated Parts Breakdown, Field Emergency Arresting Gear E-5, E-5 Mods 1 and 2, and E-5 Mod 3 (Chain Gear)--Chaps 7 through 11	NAVAIR 51-5-28
Ship's Maintenance and Material Management (3-M) Manual--Chaps 7, 8, and 11	OPNAVINST 4790.4
NSTM, Chap 079, Volume 2, Damage Control-Practical Damage Control	NAVSEA S9086-CN-STM-020
Afloat Supply Procedures	NAVSUP P-485
Aircraft Launch and Recovery Equipment Maintenance Program (ALREMP)	OPNAVINST 4790.15
ABH1	
Air Department Standard Operating Procedures (SOP)--Chap 8	COMNAVAIRPAC/ COMNAVAIRLANTINST 3100.4
Basic Machines--Chaps 13 and 14	(TRAMAN--See NAVEDTRA 12061)
Handbook Operation Maintenance and Overhaul Instruction with Illustrated Parts Breakdown, Field Emergency Arresting Gear E-5, E-5 Mod 1, E-5 Mod 2, and E-5 Mod 3 (Chain Gear)--Chaps 12 and 13	NAVAIR 51-5-28
Ship's Maintenance and Material Management (3-M) Manual--Chaps 12 and 13	OPNAVINST 4790.4
Technical Manual Management Program, Guide for User Maintenance of NAVSEA Technical Manuals	NAVSEA S0005-AA-GYD-030
Navy Occupational and Safety Program Manual	OPNAVINST 5100.23
ABHC	
Air Department Standard Operating Procedures (SOP)	COMNAVAIRPAC/ COMNAVAIRLANTINST 3100.4
Basic Machines	(TRAMAN--See NAVEDTRA 12061)
Ship's Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4
Department of the Navy Correspondence	SECNAVINST 5216.5
Quality Assurance Manual (Forces Afloat)	COMNAVAIRLANT/PACINST 9090.1
Aircraft Launch and Recovery Operations Manual	COMNAVAIRLANTINST 13800.3/ COMNAVAIRPACINST 13800.9

AIR TRAFFIC CONTROLLER (AC)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
AC2	Air Traffic Controller TRAMAN AC2 NRTC	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
AC1	Air Traffic Controller TRAMAN AC1&C NRTC	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
ACC			

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
AC3	
Airman's Information Manual; Basic Flight Information and ATC Procedures, AIM, Basic Chaps 1 through 7, and Glossary	
Air Traffic Control Handbook, Chaps 2 through 7, 9, and Glossary	FAA 7110.65
DOD Flight Information Publication (FLIP), General Planning	
Flight Services Handbook, Chaps 4 through 6, and 8	FAA 7110.10
FLIP Enroute Chart	
Flight Information Handbook, FIH	
IFR/VFR Enroute Supplement	
NATOPS, Air Traffic Control Facilities Manual, Chaps 1 through 3, 5 through 9, and Glossary	NAVAIR 00-80T-114
NATOPS, CV Manual, Chaps 1 through 5 and Glossary	NAVAIR 00-80T-105
NATOPS, General Flight and Operating Instructions, Chaps 4 through 6	OPNAVINST 3710.7
NATOPS, LHA/LPH/LHD Manual, Chaps 1 through 5 and Glossary	NAVAIR 00-80T-106
U.S. Military Notice to Airmen	OPNAVINST 3721.20
Manual of Surface Observations, Chaps 2, 6, and 10	FMH-1B/NAVAIR 50-1D-1
Tower Visibility Observations	(TRAMAN--See NAVEDTRA 12061)
NATOPS, V/STOL Shipboard and Landing Signal Officer NATOPS Manual, Chaps 2, 3, 5, 7, 8, 9, 10, 11, 12, 13, 20, and Glossary	NAVAIR 00-80T-111
Definitions and Abbreviations	FAR Part 1
Certification: Airman other than Flight Crewman	FAR Part 65
Medical Standards and Certification	FAR Part 67
Designation of Federal Airways, Controlled Airspace, and Reporting Points	FAR Part 71
Special Use Airspace	FAR Part 73
General Operating and Flight Rules	FAR Part 91
IFR Altitudes	FAR Part 95
Standard Instrument Approach Procedures	FAR Part 97
Security Control of Air Traffic	FAR Part 99

AIR TRAFFIC CONTROLLER (AC)

REFERENCE TITLE	IDENTIFYING NUMBER
AC2	
Air Traffic Control Handbook, Chaps 8 and 10	FAA 7110.65
DMA Catalog of Maps, Charts, and Related Products; Pt 1, Volume 1, Secs 1 through 4	
NATOPS, Air Traffic Control Facilities Manual, Chaps 4 and 10	NAVAIR 00-80T-114
AC1	
Certification and Rating Procedures	FAA 7220.1
NATOPS, General Flight and Operating Instructions, Chaps 1 and 3	OPNAVINST 3710.7
U.S. Standard Flight Inspection Manual	NAVAIR 16-1-520
Tower Visibility Observations Supervisor's Guide	(TRAMAN--See NAVEDTRA 12061)
ACC	
Airspace Procedures Manual	OPNAVINST 3770.2
Certification and Operations of Airfields	FAR Part 139
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
Design Manual - Communications Navigational Aids and Airfield Lighting	NAVFAC DM-23
Facility Operation and Administration, Chaps 2 through 5	FAA 7210.3
Facility Planning Criteria for Navy and Marine Corps Shore Installations, Chap 1	NAVFAC P80
Facility Planning Factor Criteria for Navy and Marine Corps Shore Installations, Appendix E, Airfield Safety Clearances, Sec 1 through 3	NAVFAC-P80.3
Procedures for Handling Airspace Matters	FAA Handbook 7400.2
NATOPS, Air Traffic Control Facilities Manual	NAVAIR 00-80T-114
Naval Safety Supervisor, Chaps 1-6	(TRAMAN--See NAVEDTRA 12061)
U.S. Standard for Terminal Instrument Procedures, Chaps 1, 2, & 10	OPNAVINST 3722.16

AVIATION MACHINIST'S MATE (AD)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
AD3	AD 3 & 2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
AD3	AMR Fundamentals		
AD2	AD 3 & 2		
AD2	AMR Fundamentals		
AD1	AMR Supervisor		
ADC	AMR Supervisor		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
AD3	
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
Fluid Power	(TRAMAN--See NAVEDTRA 12061)
NAMP, Vols I, II, III, and V	OPNAVINST 4790.2
U.S. Navy Support Equipment	NAVAIR 00-80T-96
Aircraft Refueling NATOPS Manual	NAVAIR 00-80T-109
Aircraft Weapons System Cleaning and Corrosion Control	NAVAIR 01-1A-509
Principles of Operation (TF34)	NAVAIR 01-S3AAA-2-2.6
Power Plant and Related Systems (T56)	NAVAIR 01-75PAA-2-4
Air Refueling Store Assembly 31-301-48310	NAVAIR 03-10JA-34
Preservation of Naval Aircraft	NAVAIR 15-01-500
Preservation of Aircraft Engines	NAVAIR 15-02-500
NAVAIROSH Requirements for the Shore Establishment	NAVAIR A1-NAOSH-SAF-000/P-5100-1
AD2	
Naval Air Systems Command Technical Manual Program	NAVAIR 00-25-100
Aircraft Fuel Cells and Tanks	NAVAIR 01-1A-35
Joint Oil Analysis Program Laboratory Manual, Volume 1	NAVAIR 17-15-50.1
AD1	
AD 1 & C	(TRAMAN--See NAVEDTRA 12061)

AVIATION ELECTRICIAN'S MATE (AE)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
AE3	AE 3 & 2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
AE3	AMR Fundamentals		
AE2	AE 3 & 2		
AE2	AMR Fundamentals		
AE1	AE1		
AE1	AMR Supervisor		
AEC	AMR Supervisor		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
AE3	
NEETS Module 1	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 2	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 3	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 4	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 5	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 6	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 7	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 8	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 13	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 14	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 15	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 16	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 20	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 21	(TRAMAN--See NAVEDTRA 12061)
NAMP, Vols II, III, and V	OPNAVINST 4790.2
Installation Practices, Aircraft Electric and Electronic Wiring	NAVAIR 01-1A-505
Aircraft Weapons Systems Cleaning and Corrosion Control	NAVAIR 01-1A-509
Avionic Cleaning and Corrosion Prevention/Control	NAVAIR 16-1-540
Electronic Assembly Repair	NAVAIR 01-1A-23
Naval Aircraft and Naval Aircraft Support Equipment Storage Batteries	NAVAIR 17-15BAD-1

AVIATION ELECTRICIAN'S MATE (AE)

REFERENCE TITLE	IDENTIFYING NUMBER
AE2	
Naval Air Systems Command Technical Directives System	NAVAIR 00-25-100
NAMP, Vols I and IV	OPNAVINST 4790.2
NO ADDITIONAL BIBLIOGRAPHY FOR AE1 AND AEC	

AEROGRAPHER'S MATE (AG)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	COURSE NUMBER	ORDERING INFORMATION
AG3	AG3 TRAMAN AG3 NRTC	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
AG3	NEETS MODULE 22 TRAMAN NEETS MODULE 22 NRTC		
AG2	AG2, VOL 1 TRAMAN AG2, VOL 2 NRTC		
AG2	AG2, VOL 2 TRAMAN AG2, VOL 2 NRTC		
AG1	AG 1 & C TRAMAN/NRTC		
AGC			

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
AG3	
Automated Surface Observing System (ASOS) User's Guide (Preliminary Aug. 1991)	None
CONTEL Meteorological Workstation (CMW) User's Guide	None
Environmental Observation Collectives	NAVOCEANCOMINST 2303.1
Guide to Common Shipboard Expendable Bathythermograph (SXBT) Recording Malfunctions	RP 21
International Meteorological Codes	OCEANCOM 50-1P-11
Meteorology Today, Fourth Edition C. Donald Ahrens	See NAVEDTRA 12061 to order the NRTC for this text
Joint Surf Manual	COMNAVSURFPAC/COMNAVSURF LANTINST 3840.1
Manual for Ship's Surface Weather Observations	NAVOCEANCOMINST 3144.1
Manual of Surface Observations (FMH-1B)	NAVAIR 50-1D-1
MARWIN MW (MRS) Operating Procedures	MWOP-00139-3.2
Mobile Oceanography Support System (MOSS) version 2.0, Vol 1 and Vol 2, AN/UYK-83 Users's Manual	NOO MOSS 92-01-UG
Mobile Oceanography Support System Communication and Satellite Modules User's Manual	None
Navy/NOAA Oceanographic Data Distribution System (NODDS) Ver 3.0 User's Manual	None
National Weather Service Radar Code User's Guide	None
Oceanography, Sixth Edition, M. Grant Gross	See NAVEDTRA 12061 to order the NRTC for this text
Optimum Path Aircraft Routing System (OPARS) User's Manual	FLENUMOCEANCENINST 3710.1
Optimum Path Aircraft Routing System (OPARS) C9B Overwater Procedures Manual	FLENUMOCEANCENINST 3710.3

AEROGRAPHER'S MATE (AG)

REFERENCE TITLE	IDENTIFYING NUMBER
Organizational Maintenance with Illustrated Parts Breakdown Receiver/Recorder Set Meteorological Data AN/SMQ-11 (Vol. 1, Workpackage 004-00)	NAVAIR 50-30SMQ-11
Pilot Weather Reports (PIREPS)	NAVOCEANCOMINST 3142.1
Procedures Governing Flight Weather Briefings and Preparing DD Form 175-1 and U.S. Navy Flight Forecast Folder	NAVOCEANCOMINST 3140.14
Radiosonde Code (FMH-4)	NAVAIR 50-1D-4
Reporting Nuclear Detonations, Biological and Chemical Attacks, and Predicting and Warning of Associated Hazards and Hazard Areas	ATP-45
Surface Synoptic Code (FMH-2), FCM-H2-1988	NAVAIR 50-1D-2
Telecommunications User's Manual	NTP-3
Tactical Environmental Support System--TESS Operator Manuals (3.0)	NAVELEXCEN VJO 14203-0302428A
TIROS-N Series Direct Readout Services User's Guide	US DoC/NOAA/NESS S/T 82-86
Upper Wind Code, FMH-6	NAVAIR 50-1D-6
Use of the Skew T, Log P Diagram in Analysis and Forecasting	NAVAIR 50-1P-5
U.S. Navy Oceanographic and Meteorological Support System Manual	NAVOCEANCOMINST 3140.1
Operators Manual-Weather Display System STX (GOES Looper)	None
WEFAX User's Guide, The	US DoC/NOAA/NESS S/T 81-266
Weather Radar Observations FMH-7, Part A	NAVAIR 50-1D-7
Weather Communications Policy and Procedures	AWSR 105-2
Naval Environmental Satellite Network (NESN) Communications Plan	NAVOCEANCOMINST 2120.2
AG2	
Atmospheric Turbulence and Icing Criteria	NAVOCEANCOMINST 3140.4
Basic Surface Chart Analysis	(TRAMAN--See NAVEDTRA 12061)
Facsimile Products	NWS Forecasters Handbook #1
Fleet Oceanographic and Acoustic Reference Manual	RP 33
General Acoustic Conditions (GAC) Depiction System Users Guide	FLENUMOCEANCENINST 3145.3
Maintenance of Surface and Upper Air Observation Programs of the Naval Oceanography Command and U.S. Marine Corps (Shore Stations)	NAVOCEANCOMINST 5220.1
Airman's Information Manual-Official Guide to Basic Flight Information and ATC Procedures	US DoT/FAA PUB
Operational Oceanography, Module II, Acoustics and Sound Ray Theory	(TRAMAN--See NAVEDTRA 12061)
Satellite Imagery Interpretation in Synoptic and Mesoscale Meteorology	(TRAMAN--See NAVEDTRA 12061)
Terminal Aerodrome Forecast (TAF) Code	NAVOCEANCOMINST 3143.1
Tropical Streamline Analysis	(TRAMAN--See NAVEDTRA 12061)
Tropical Synoptic Models	(TRAMAN--See NAVEDTRA 12061)
Outage Reporting Procedures for the CONUS Meteorological Data System (COMEDS)	AFCCR 700-10
A Workbook on Tropical Clouds and Cloud Systems Observed in Satellite Imagery, Volume 1	(TRAMAN--See NAVEDTRA 12061)
Observing and Forecasting Ocean Waves	H.O. Pub No. 603
Fleet Communications	NTP-4
Desk Reference for Receiver-Recorder Set, Meteorological Data AN/SMQ-11	RP 52

AEROGRAPHER'S MATE (AG)

REFERENCE TITLE	IDENTIFYING NUMBER
AG1	
Ballistic Wind and Density for Naval Gunfire	SW226-AB-MMO-010
Oceanographic Post-Deployment Reports	NAVOCEANCOMINST 3140.23
Operational Oceanography, Module III, Introduction to Anti-submarine Warfare Sensors and Platforms	(TRAMAN--See NAVEDTRA 12061)
Federal Meteorological Handbook No. 11, Part B and C	FCM-H11B-1990 (Interim Version One) FCM-H11C-1991 (Interim Version One)
Guide to Standard Weather Summaries and Climatic Services	NAVAIR 50-1C-534
Meteorological Equipment Casualty Reporting	NAVOCEANCOMINST 3046.1
NATOPS, General Flight and Operating Instructions	OPNAVINST 3710.7
Sea and Swell Forecasting	(TRAMAN--See NAVEDTRA 12061)
Search and Rescue	NAVEDTRA 40740
Special Incident Reporting (OPREP-3 and Unit SITREP) Procedures	NAVOCEANCOMINST 3100.2
Standardized Route Weather Forecast (WEAX) Format	NAVOCEANCOMINST 3140.8
Surf Forecasting	(TRAMAN--See NAVEDTRA 12061)
Weather Radar Observations (FMH-7) Part B	NAVAIR 50-1D-7
Warnings and Conditions of Readiness Concerning Hazardous or Destructive Weather Phenomena	OPNAVINST 3140.24
Local Area and Area of Responsibility Forecaster's Handbooks; Requirements for	NAVOCEANCOMINST 3140.2
Composite Warfare Oceanographic Support Modules (CWOSM) Part 1	NOO TM 04-92
WSR-88D Doppler Weather Radar Principal User Processor (PUP) Operator's Manual	
AGC	
Meteorological and Oceanographic Equipment Program (MOEP) Support Manual	NAVOCEANCOMINST 13950.1
Procedures and Responsibilities for Implementing Naval Oceanography Command Computer Products	NAVOCEANCOMINST 3960.1
Naval Oceanography Command Training Program	NAVOCEANCOMINST 1500.2
Certification Requirements for Observers, Analyst/Briefers, and Forecasters Within NAVOCEANCOM Activities	NAVOCEANCOMINST 1500.2
Guidance for Technical Inspection of Afloat Geophysical Units	NAVOCEANCOMINST 5040.3
Naval Oceanography Command Inspection Program	NAVOCEANCOMINST 5040.1

AVIATION STOREKEEPER (AK)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
AK3	AK 3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
AK2	AK 2		
AK1	AK 1		
AKC	AK C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
AK3	
Consolidated Notes for Selected Microfiche Publications of ASO	CN-01
Customer Service Manual	(TRAMAN--See NAVEDTRA 12061)
Shelf Life Item Management Manual	DOD 4140.27-M, Aug 90
Storage and Materials Handling, Volume 1	DOD 4145.19-R-1
Military Standard Transportation and Movement Procedures (MILSTAMP)	DOD 4500.32R, Volume 1
DOD Hazardous Materials Information Systems (HMIS) Procedures	DOD 6050.5-M
Naval Aviation Maintenance Program (NAMP) Volume I	OPNAV 4790.2
Naval Aviation Maintenance Program (NAMP), Volume II	OPNAV 4790.2
Naval Aviation Maintenance Program (NAMP), Volume III	OPNAV 4790.2
Naval Aviation Maintenance Program (NAMP), Volume V	OPNAV 4790.2
AMMRL Program	NAVAIRINST 13650.1
Accounting Classifications	NAVCOMPT Manual, Volume II
Financial Management of Resources Operations Procedures	NAVSO P-3006-1
Financial Management of Resources Operations Maintenance	NAVSO P-3013-1, P3013-2
Military Standard Requisitioning and Issue Procedures (MILSTRIP) Military Standard Transaction Reporting and Accounting Procedures (MILSTAMP)	NAVSUP P-437
Supply Afloat Fleet and Field Packaging Procedures	NAVSUP P-484
Supply Afloat Procedures	NAVSUP P-485
Preparation of Freight for Air Shipment	NAVSUP P-504

AVIATION STOREKEEPER (AK)

REFERENCE TITLE	IDENTIFYING NUMBER
Preparation of Hazardous Materials for Military Air Shipment	NAVSUP P-505
Depot Level Repairables (DLR) Requisitioning, Turn-In, and Carcass Tracking Guide	NAVSUP P-545
Automated SNAP I Supply Procedures Logistics and Inventory Management	NAVSUP P-567, Volume I
Automated SNAP I Supply Procedures Financial Management	NAVSUP P-567 Volume II
Naval Logistics Library	NAVSUP P-600
Supply Ashore	NAVSUP Pub 1, Volume II
Transportation of Property	NAVSUP Pub 1, Volume V
Shore and Fleet Small Purchase and Other Simplified Purchase Procedures	NAVSUPINST 4200.85
Hazardous Material Control and Management (HMC&M)	OPNAVINST 4110.2
Uniform Material Movement and Issue Priority System (UMMIPS)	OPNAVINST 4614.1
Hazardous Material Control	OPNAVINST 5100.23, Chapter 7
Department of the Navy File Maintenance Procedures and Standard Subject Identification Codes	SECNAVINST 5210.11
Navy and Marine Corps Records Disposition Manual	SECNAVINST 5212.5
Department of the Navy Directives Issuance System	SECNAVINST 5215.1
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
Department of the Navy Information and Personal Security Program Regulation	OPNAVINST 5510.1
Federal Logistics (FED-LOG) Data on CD-ROM	C1, Volume 24
Assignment and Application of SM&R Codes	NAVAIRINST 4423.11
Navy Electricity and Electronics Training Series, Introduction to Digital Computers, Module 22	(TRAMAN-- See NAVEDTRA 12061)
AK2	
Appropriation Cost and Property Accounting (Field)	NAVCOMPT Manual, Volume III
Operational Support Inventory (OSI) for Ships and Marine Air Groups (MAGs) using the AVCAL process	FASOINST 4441.15
Aviation Operational Support Inventory (OSI) for activities using the (SHORCAL) process	FASOINST 4441.16
AK1	
Navy Policies and Standards for Supply Management	NAVSUP P-500
AKC	
Warehouse Modernization and Layout Planning Guide	NAVSUP P-529
Automated SNAP I Management Procedures	NAVSUP P-568

AVIATION STRUCTURAL MECHANIC (AME)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
AME3	AMR Fundamentals	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
AME2	AMR Fundamentals		
AME2	AME2		
AME1	AME 1 & C		
AME1	AMR Supervisor		
AMEC	AME 1 & C		
AMEC	AMR Supervisor		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
AME3	
AME2	(TRAMAN--See NAVEDTRA 12061)
Blueprint Reading and Sketching	(TRAMAN--See NAVEDTRA 12061)
Fluid Power	(TRAMAN--See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
NAMP, Vols II and V	OPNAVINST 4790.2
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat, Vols I and II	OPNAVINST 5100.19
NAVAIROSH Requirements for the Shore Establishment	NAVAIR A1-NAOSH-SAF-000/P-5100-1
Aircraft Weapons System Cleaning and Corrosion Control	NAVAIR 01-1A-509
Avionic Cleaning and Corrosion Prevention/Control	NAVAIR 16-1-540
Preservation of Naval Aircraft for Organizational, Intermediate, and Depot Maintenance Levels	NAVAIR 15-01-500
Aircrew Escape Propulsion System (AEPS) Devices	NAVAIR 11-85-1--WP 00200
General Use Cartridges, Cartridge Actuated Devices for Aircraft and Unique Aircraft Systems (CADS)	NAVAIR 11-100-1.1--Safety Summary and Chap 1
Aviation Crew Systems Oxygen Equipment	NAVAIR 13-1-6.4
Aviators Breathing Oxygen (ABO) Surveillance Program, Laboratory Manual and Field Guide	NAVAIR A6-332AO-GYD-000
AME2	
NAMP, Vol III	OPNAVINST 4790.2
Naval Airborne Weapons Maintenance Program	OPNAVINST 8600.2
Naval Air Systems Command Technical Manual Program	NAVAIR 00-25-100

AVIATION STRUCTURAL MECHANIC (AME)

REFERENCE TITLE	IDENTIFYING NUMBER
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
AME1	
Nonnuclear Ordnance/Explosives Handling Qualification and Certification Program	OPNAVINST 8023.2
Standard Individual Component Repair Program for Navy and Marine Corps Intermediate Maintenance Activities	NAVAIRINST 4790.18
Preservation of Aircraft Engines Uninstalled	NAVAIR 15-02-500
AMEC	
NAMP, Vol I	OPNAVINST 4790.2
Aircraft Safety Engineering Accident Investigation Guide	NAVAIR 00-80T-67-1
NATOPS General Flight and Operating Instructions	OPNAVINST 3710.7

AVIATION STRUCTURAL MECHANIC (AMH)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
AMH3	AM(H & S) 3 & 2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
AMH3	AMR Fundamentals		
AMH2	AM(H & S) 3 & 2		
AMH2	AMR Fundamentals		
AMH1	AMR Supervisor		
AMHC	AMR Supervisor		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
AMH3	
Blueprint Reading and Sketching	(TRAMAN--See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
Fluid Power	(TRAMAN--See NAVEDTRA 12061)
NAMP, Vol II	OPNAVINST 4790.2
NAMP, Vol III	OPNAVINST 4790.2
NAMP, Vol V	OPNAVINST 4790.2
NAVAIROSH Requirements for the Shore Establishment	NAVAIR A1-NAOSH-SAF-000/P-5100-1
U.S. Navy Support Equipment	NAVAIR 00-80T-96
Nondestructive Inspection Methods	NAVAIR 01-1A-16
Aviation Hydraulics Manual	NAVAIR 01-1A-17
Aviation Hose and Tube Manual	NAVAIR 01-1A-20
Aircraft Weapons Systems Cleaning and Corrosion Control	NAVAIR 01-1A-509
Aircraft Wheels	NAVAIR 04-10-1
Aircraft Tires and Tubes	NAVAIR 04-10-506
Preservation of Naval Aircraft	NAVAIR 15-01-500
Hydraulic Fluid Contamination Analysis Kit Manual	NAVAIR 17-15E-52
AMH2	
NAMP, Vol I	OPNAVINST 4790.2
General Manual for Structural Repair	NAVAIR 01-1A-1
Structural Hardware	NAVAIR 01-1A-8
USN Aircraft Weight and Balance Control	NAVAIR 01-1B-50
AMH1	
Hydraulic Fluid Contamination Analysis Kit Manual	NAVAIR 17-15E-52

AVIATION STRUCTURAL MECHANIC (AMH)

REFERENCE TITLE	IDENTIFYING NUMBER
AMHC	
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat, Vols I and II	OPNAVINST 5100.19
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
NAVAIROSH Requirements for the Shore Establishment	NAVAIR A1-NAOSH-SAF-000/P-5100-1
Aircraft Safety Engineering Accident Investigation Guide	NAVAIR 00-80T-67-1
Avionic Cleaning and Corrosion Prevention/Control	NAVAIR 16-1-540

AVIATION STRUCTURAL MECHANIC (AMS)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
AMS3	AM(H & S) 3 & 2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
AMS3	AMR Fundamentals		
AMS2	AM(H & S) 3 & 2		
AMS1	AMR Supervisor		
AMSC	AMR Supervisor		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
AMS3	
Blueprint Reading and Sketching	(TRAMAN--See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
Fluid Power	(TRAMAN--See NAVEDTRA 12061)
NAMP, Vol II	OPNAVINST 4790.2
NAMP, Vol III	OPNAVINST 4790.2
NAMP, Vol V	OPNAVINST 4790.2
NAVAIROSH Requirements for the Shore Establishment	NAVAIR A1-NAOSH-SAF-000/P-5100-1
Naval Air Systems Command Technical Manual Program	NAVAIR 00-25-100
Nondestructive Inspection Methods	NAVAIR 01-1A-16
Aviation Hydraulics Manual	NAVAIR 01-1A-17
Aviation Hose and Tube Manual	NAVAIR 01-1A-20
Aircraft Radomes and Antenna Covers	NAVAIR 01-1A-22
Aircraft Weapons Systems Cleaning and Corrosion Control	NAVAIR 01-1A-509
Aircraft Wheels	NAVAIR 04-10-1
Aircraft Tires and Tubes	NAVAIR 04-10-506
Preservation of Naval Aircraft	NAVAIR 15-01-500
AMS2	
General Manual for Structural Repair	NAVAIR 01-1A-1
Structural Hardware	NAVAIR 01-1A-8
Aerospace Metals--General Data and Usage Factors	NAVAIR 01-1A-9
Fabrication, Maintenance and Repair of Transparent Plastics	NAVAIR 01-1A-12
Aeronautical Equipment Welding Manual	NAVAIR 01-1A-34
Aircraft Fuel Cells and Tanks	NAVAIR 01-1A-35

AVIATION STRUCTURAL MECHANIC (AMS)

REFERENCE TITLE	IDENTIFYING NUMBER
Avionic Cleaning and Corrosion Prevention/Control	NAVAIR 16-1-540
AMS1	
U.S. Navy Support Equipment	NAVAIR 00-80T-96
NAMP, Vol I	OPNAVINST 4790.2
USN Aircraft Weight and Balance Control	NAVAIR 01-1B-50
AMSC	
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat, Vols I and II	OPNAVINST 5100.19
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
Aircraft Safety Engineering Accident Investigation Guide	NAVAIR 00-80T-67-1

AVIATION ORDNANCEMAN (AO)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
AO3 AO2	AO 3 & 2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
AO3 AO2	AMR Fundamentals		
AO1	AO1		
AO1 AOC	AMR Supervisor		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
AO3	
Ammunition and Explosives Ashore Safety Regulations for Handling, Storing, Production, Renovation and Shipping	NAVSEA OP 5 Vol 1
Ammunition Afloat	NAVSEA OP 4
NAMP, Vol II	OPNAVINST 4790.2
NAMP, Vol III	OPNAVINST 4790.2
Approved Handling Equipment for Weapons and Explosives	NAVSEA OP 2173
Airborne Weapons Stores Checklist Manual	NAVAIR 01-700
CV NATOPS Manual	NAVAIR 00-80T-105
M61A1 Technical Manual	NAVAIR 11-95-M61A1-1
Nonnuclear Ordnance/Explosives Handling Qualification and Certification Program	OPNAVINST 8023.2
Aircraft Weapons Systems Cleaning and Corrosion Control	NAVAIR 01-1A-509
Avionic Cleaning and Corrosion Prevention/Control	NAVAIR 16-1-540
Aircraft General Purpose Bombs, Fire Bombs, Practice Bombs, and Components	NAVAIR 11-5A-17
General Use Cartridges and Cartridge-Actuated Devices for Aircraft Associated Equipment (CADs)	NAVAIR 11-100-1.1
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
NEETS, Mods 1, 3, and 4	(TRAMAN--See NAVEDTRA 12061)
Armament Weapons Support Equipment Configuration Manual	NAVAIR 11-140-25
Ships' 3-M Manual	OPNAVINST 4790.4

AVIATION ORDNANCEMAN (AO)

REFERENCE TITLE	IDENTIFYING NUMBER
AO2	
Naval Air Systems Command Technical Manual Program	NAVAIR 00-25-100
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat, Vols I and II	OPNAVINST 5100.19
Airborne Weapons Assembly Manual	NAVAIR 11-140-5
Naval Airborne Weapons Maintenance Program	OPNAVINST 8600.2--Chaps 3, 4, 5, 6, 7, 9, 10, 12, and 13
AO1	
NAMP, Vols I through IV	OPNAVINST 4790.2
Naval Airborne Weapons Maintenance Program	OPNAVINST 8600.2
AOC	
Motor Vehicle Driver's Handbook, Ammunition, Explosives and Related Hazardous Materials	OP 2239
Standard Organization and Regulations of the U.S. Navy	OPNAVINST 3120.32--Chaps 6 through 8

AVIATION SUPPORT EQUIPMENT TECHNICIAN (AS)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
AS3	AS3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
AS3	AMR Fundamentals		
AS2	AS2		
AS2	AMR Fundamentals		
AS1	AS1		
AS1	AMR Supervisor		
ASC	AMR Supervisor		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
AS3	
Basic Machines	(TRAMAN--See NAVEDTRA 12061)
Fluid Power	(TRAMAN--See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
AS2	(TRAMAN--See NAVEDTRA 12061)
NAMP, Vol III	OPNAVINST 4790.2
NAMP, Vol V	OPNAVINST 4790.2
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4--Chaps 5 and 9
NEETS--Mods 1 through 7, 16, and 24	(TRAMAN--See NAVEDTRA 12061)
Ground Support Equipment Cleaning and Corrosion Control	NAVAIR 17-1-125
U.S. Navy Support Equipment Common Basic Handling and Safety Manual	NAVAIR 00-80T-96
Support Equipment Tire and Wheel Assemblies	NAVAIR 17-1-129
Aircraft Tires and Tubes	NAVAIR 04-10-506
AS2	
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4--Chaps 1 through 4
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat, Vols I and II	OPNAVINST 5100.19
Aviation Hydraulics Manual	NAVAIR 01-1A-17

AVIATION SUPPORT EQUIPMENT TECHNICIAN (AS)

REFERENCE TITLE	IDENTIFYING NUMBER
Aircraft Weapons Systems Cleaning and Corrosion Control	NAVAIR 01-1A-509--Chaps 5, 7, and 8
Aeronautical and Support Equipment Welding	NAVAIR 01-1A-34
Aviation Hose and Tube Manual	NAVAIR 01-1A-20
AS1	
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4
Environmental and Natural Resources Protection Manual	OPNAVINST 5090.1
Naval Air Systems Command Aircraft Maintenance Material Readiness List (AMMRL) Program	NAVAIRINST 13650.1
Preservation of Aircraft Engines	NAVAIR 15-02-500--Sections 2, 3, and 6 through 8
Non-Avionics Common Support Equipment QEC Program	NAVAIRINST 13610.1
ASC	
NAMP, Vol II	OPNAVINST 4790.2
Afloat Supply Procedures	NAVSUP P-485

AVIATION ELECTRONICS TECHNICIAN (ATI)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
AT3(I)	AT3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
AT3(I)	AMR Fundamentals		
AT2(I)	AT2(I)		
AT2(I)	AMR Fundamentals		
AT1(I)	AV1&C AMR Supervisor		
ATC(I)	AMR Supervisor		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
AT3(I)	
NEETS Module 1	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 2	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 3	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 4	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 5	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 6	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 7	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 8	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 9	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 10	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 11	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 12	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 13	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 14	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 15	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 16	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 17	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 18	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 19	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 20	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 21	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 22	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 23	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 24	(TRAMAN--See NAVEDTRA 12061)
NAMP, Vols III & V	OPNAVINST 4790.2

AVIATION ELECTRONICS TECHNICIAN (ATI)

REFERENCE TITLE	IDENTIFYING NUMBER
NAVAIRSYSCOM Technical Manual Program	NAVAIR 00-25-100
Installation Practices, Aircraft Electrical Wiring	NAVAIR 01-1A-505
Aircraft Weapons Systems Cleaning and Corrosion Control	NAVAIR 01-1A-509
Avionic Cleaning and Corrosion Prevention/Control	NAVAIR 16-1-540
EIMB, Electronic Circuits Handbook	NAVSEA 0967-LP-000-0120
EIMB, Test Methods & Practices Handbook	NAVSEA 0967-LP-000-0130
AT2(I)	
AT2(O)	(TRAMAN--See NAVEDTRA 12061)
AT1(I)	
NAMP, VOL I	OPNAVINST 4790.2
NO ADDITIONAL BIBLIOGRAPHY FOR ATC(I)	

AVIATION ELECTRONICS TECHNICIAN (ATO)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
AT3(O)	AT3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
AT3(O)	AMR Fundamentals		
AT2(O)	AT2(O)		
AT2(O)	AMR Fundamentals		
AT1(O)	AT1(O)		
AT1(O)	AMR Supervisor		
ATC(O)	AMR Supervisor		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
AT3(O)	
NEETS Module 1	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 2	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 3	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 4	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 5	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 6	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 7	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 8	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 9	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 10	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 11	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 12	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 13	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 14	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 15	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 16	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 17	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 18	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 19	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 20	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 21	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 22	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 23	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 24	(TRAMAN--See NAVEDTRA 12061)

AVIATION ELECTRONICS TECHNICIAN (ATO)

REFERENCE TITLE	IDENTIFYING NUMBER
NAMP, Vols II & V	OPNAVINST 4790.2
NAVAIRSYSCOM Technical Manual Program	NAVAIR 00-25-100
Installation Practices, Aircraft Electric and Electronic Wiring	NAVAIR 01-1A-505
Aircraft Weapons Systems Cleaning and Corrosion Control	NAVAIR 01-1A-509
Avionic Cleaning and Corrosion Prevention/Control	NAVAIR 16-1-540
EIMB, Electronic Circuits Handbook	NAVSEA 0967-LP-000-0120
EIMB, Test Methods & Practices Handbook	NAVSEA 0967-LP-000-0130
AT2(O)	
AE 3&2, Chap 7	(TRAMAN--See NAVEDTRA 12061)
Aviation Hydraulics Manual	NAVAIR 01-1A-17
Electronic Assembly Repair	NAVAIR 01-1A-23--WP 005 00
AT1(O)	
NAMP, Vol I	OPNAVINST 4790.2
The Naval Aviation Safety Program	OPNAVINST 3750.6Q
NO ADDITIONAL BIBLIOGRAPHY FOR ATC(O)	

AVIATION WARFARE SYSTEMS OPERATOR (AWA)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
AWA3 & AWA2	AW 3&2, Mod 1	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
	AW 3, Mod 2		
	AW 3&2, Mod 3		
	AW 3&2, Mod 4		
AWA1 & AWC	AW 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
AWA3	
ACINT Collection Guide	NIC-1200G-001-91
Acoustic Characteristics of Soviet Submarines Type 1 and Type 4-Diesel	DST 1220S-458-84
Acoustic Characteristics of Soviet Submarines Type 2 and Type 3-Diesel	DST 1220S-459-90
Acoustic Characteristics of Soviet Submarines Type 2 and Type 3-Nuclear	DST 1220S-461-90
Acoustic Characteristics of Soviet Submarines Type 4 and Type 5-Nuclear	DST 1220S-462-90
Acoustic Characteristics of Soviet Submarines Type 6 and Type 7-Nuclear	DST 1220S-465-90
Administration Of Enlisted Flight Orders	BUPERSINST 1326.4
Air Antisubmarine Warfare Tactical Airborne Information Document	NWP 55-2-2
Air ASW Supplement	NWP 55-2-1
Aircraft Signals NATOPS Manual	NAVAIR 00-80T-113
Allied Antisubmarine Warfare Manual	ATP-28
Allied Submarine and Antisubmarine Exercise Manual	AXP-1
Antisubmarine Warfare (ASW) Exercises	FXP-1
Department of the Navy Security Program for Automatic Data Processing (ADP) Systems	OPNAVINST 5239.1
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Effective Use of the Electromagnetic Products of TESS and IREPS	NOSC TD-1369
Fleet Oceanographic and Acoustic Reference Manual	RP-33
Joint Reporting System	NWP 10-1-13

AVIATION WARFARE SYSTEMS OPERATOR (AWA)

REFERENCE TITLE	IDENTIFYING NUMBER
Magnetic Recording, NEETS Mod 23	(TRAMAN--See NAVEDTRA 12061)
Maritime Reporting System Confidential Supplement	NWP 10-1-12, Supp 1
Maritime Reporting System	NWP 10-1-12
Military Pay and Allowances Entitlements Manual	NAVSO P-6048-Part Two, Chap 1
NATOPS Flight Manual P-3B Aircraft	NAVAIR 01-75PAA-1
NATOPS Flight Manual P-3C Aircraft	NAVAIR 01-75PAC-1
NATOPS Flight Manual S-3B Aircraft	NAVAIR 01-S3AAB-1
NATOPS General Flight and Operating Instructions	OPNAVINST 3710.7
NATOPS Survival Manual	NAVAIR 00-80T-101
NATOPS Weapon System Manual S-3B Aircraft	NAVAIR 01-S3AAB-1.1
Naval Warfare Documentation Guide	NWP 0
NAVOCEANCOM Environmental Tactical Support Products Manual	NAVOCEANCOMINST C3140.22
NFO/Aircrew NATOPS Flight Manual P-3B Aircraft	NAVAIR 01-75PAA-1.1
NFO/Aircrew NATOPS Flight Manual P-3C Aircraft	NAVAIR 01-75PAC-1.1
Operational Brevity Codes	ACP-165
P-3 Tactical Manual	NWP 55-2-P3
Passive Acoustic Classification Reference Manual	NWP 16
Passive Acoustic Classification Reference Manual--Pocket Guide	NWP 16-1
Principles of Lofargram Analysis	NWP 24-1-1, Vol 1
Principles of Lofargram Analysis	NWP 24-1-2, Vol 2
Radar Principles, NEETS Mod 18	(TRAMAN--See NAVEDTRA 12061)
Recognition Guide	DIAM 57-25 Series
S-3 Tactical Manual	NWP 55-2-S3 Vols I and II
Signature Catalog: CIS Diesel and Nuclear Submarines	NWP 24-2
Standard First Aid Training Course	(TRAMAN--See NAVEDTRA 12061)
Supplemental NATOPS Flight Manual S-3B Aircraft	NAVAIR 01-S3AAB-1A
Surface Ship Acoustic Characteristics-U.S.S.R., Vol I Principal Surface Combatants	DST 1210S-345-87
Tactical Action Officer Handbook	NWP 12-5
Technical Manual Sonobuoy Instructional	NAVAIR 28-SSQ-500-1
U.S. Nuclear Submarine Data Handbook	NWP 24-3
AWA2	
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
CV NATOPS Manual	NAVAIR 00-80T-105
PQS Manager's Guide	NAVEDTRA 43100-1D
Submarine Warfare Tactics Handbook, Rev 2	NIC-1220H-001-86

AVIATION WARFARE SYSTEMS OPERATOR (AWA)

REFERENCE TITLE	IDENTIFYING NUMBER
AWA1	
Combat Search and Rescue Procedures	NWP 19-2
Combat Search and Rescue Manual, Navy Supplement to NWP 19-2	NWP 19-2, Navy Supp
Disposition of Rehabilitated Alcohol Dependent or Abuser Aircrew, Air Controllers, Hyperbaric Chamber Inside Observers and Instructors	BUMEDINST 5300.8
Electronic Warfare Coordination	NWP 10-1-40
ELINT Parameter Limits (EPL) List	
Enlisted Transfer Manual	NAVPERS 15909, Art 9.12
National Search and Rescue Manual	Vol I JCS Pub 3-50
National Search and Rescue Manual	Vol II JCS Pub 3-50.1
Naval Operational Planning	NWP 11
Navy Military Personnel Manual	NAVPERS 15560, Art 1410240 and 2620300
Navy Search and Rescue (SAR) Manual	NWP 19-1
The Naval Aviation Safety Program	OPNAVINST 3750.6

AVIATION WARFARE SYSTEMS OPERATOR (AWH)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
AWH3 & AWH2	AW 3&2, Mod 1	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
	AW 3, Mod 2		
	AW 3&2, Mod 3		
	AW 3&2, Mod 4		
AWH1 & AWC	AW 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
AWH3	
ACINT Collection Guide	NIC-1200G-001-91
Administration Of Enlisted Flight Orders	BUPERSINST 1326.4
Air Antisubmarine Warfare Tactical Airborne Information Document	NWP 55-2-2
Air ASW Supplement	NWP 55-2-1
Air Navigation Manual	NA-00-80V-49
Aircraft Signals NATOPS Manual	NAVAIR 00-80T-113
Allied Antisubmarine Warfare Manual	ATP-28
Allied Submarine and Antisubmarine Exercise Manual	AXP-1
Antisubmarine Warfare (ASW) Exercises	FXP-1
Assault Support Helicopter Tactical Manual	NWP 55-9-ASH, Vol I
Atmospheric Refraction	(TRAMAN--See NAVEDTRA 12061)
Combat Search and Rescue Procedures	NWP 19-2
Combat Search and Rescue Manual, Navy Supplement to NWP 19-2	NWP 19-2, Navy Supp
CV NATOPS Manual	NAVAIR 00-80T-105
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Effective Use of the Electromagnetic Products of TESS and IREPS	NOSC TD-1369
Electronic Warfare Coordination	NWP 10-1-40
ELINT Parameter Limits (EPL) List	

AVIATION WARFARE SYSTEMS OPERATOR (AWH)

REFERENCE TITLE	IDENTIFYING NUMBER
Fleet Oceanographic and Acoustic Reference Manual	RP-33
Joint Recovery Operations	NWP 19-4
Joint Reporting System	NWP 10-1-13
LAMPS Mk I Tactical Manual	NWP 55-2-SH-2
LAMPS Mk III Tactical Manual	NWP 55-2-60B
LAMPS Mk III Weapon System Manual	A1-H60BB-NFM-010
Magnetic Recording, NEETS Mod 23	(TRAMAN--See NAVEDTRA 12061)
Maritime Reporting System Confidential Supplement	NWP 10-1-12, Supp 1
Maritime Reporting System	NWP 10-1-12
Military Pay and Allowances Entitlements Manual	NAVSO P-6048-Part Two, Chap 1
Mission Employment Tactics Tactical Employment Threat Reference Guide and Countertactics	MCM 3-1, Volume II
National Search and Rescue Manual, Vol I	JCS Pub 3-50
National Search and Rescue Manual, Vol II	JCS Pub 3-50.1
NATOPS Air Subsystem Operator's Manual SH-60F Aircraft	A1-H60FB-NFM-010
NATOPS Crewman Pocket Checklist SH-3D/H Helicopter	NAVAIR 01-230HLH-1.1B
NATOPS Flight Manual SH-3D/H Aircraft	NAVAIR 01-230HLH-1
NATOPS Flight Manual SH-60B Aircraft	A1-H60BB-NFM-000
NATOPS Flight Manual SH-60F Aircraft	A1-H60FB-NFM-000
NATOPS General Flight and Operating Instructions	OPNAVINST 3710.7
NATOPS Survival Manual	NAVAIR 00-80T-101
Naval Search and Rescue (SAR) Standardization Program	OPNAVINST 3130.6
Naval Warfare Documentation Guide	NWP 0
NAVOCEANCOM Environmental Tactical Support Products Manual	NAVOCEANCOMINST C3140.22
Navy Aviation Maintenance Program (NAMP)	OPNAVINST 4790.2 Vol II Chap 1, 2, 5, 6, 9, 10 and App A thru C
Navy Search and Rescue (SAR) Manual	NWP 19-1
Navy Search and Rescue Tactical Information Document	NWP 55-8-SAR
Operational Brevity Codes	ACP-165
Passive Acoustic Classification Reference Manual	NWP 16
Passive Acoustic Classification Reference Manual--Pocket Guide	NWP 16-1
Preliminary Aircrewman's Pocket Checklist, SH-2G Helicopters	NAVAIR 01-260HCG-1.1B
Preliminary NATOPS Flight Manual SH-2G Aircraft	NAVAIR 01-260HCG-1
Principles of Lofargram Analysis	NWP 24-1-1, Vol 1

AVIATION WARFARE SYSTEMS OPERATOR (AWH)

REFERENCE TITLE	IDENTIFYING NUMBER
Principles of Lofargram Analysis	NWP 24-1-2, Vol 2
Radar Principles, NEETS Mod 18	(TRAMAN--See NAVEDTRA 12061)
Recognition Guide	DIAM 57-25 Series
SH-3 Tactical Manual	NWP 55-2-SH-3
SH-60F Tactical Manual	NWP 55-2-SH-60F
Shipboard Helicopter Operating Procedures	NWP 42
Signature Catalog: CIS Diesel and Nuclear Submarines	NWP 24-2
Standard First Aid Training Course	(TRAMAN--See NAVEDTRA 12061)
Tactical Action Officer Handbook	NWP 12-5
Technical Manual Sonobuoy Instructional	NAVAIR 28-SSQ-500-1
Technical Manual 7.62mm Aircraft Machine Gun M60	NAVAIR 11-95M60-1
ELINT Parameter Limits (EPL) List Non-Communist Bloc Military Supplement	
U.S. Nuclear Submarine Data Handbook	NWP 24-3
Weapon System Manual Supplement SH-60B Aircraft	A1-H60BB-NFM-110/(C)
AWH2	
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
Submarine Warfare Tactics Handbook, Rev-2	NIC-1220H-001-86
AWH1	
Department of the Navy Security Program for Automatic Data Processing (ADP) Systems	OPNAVINST 5239.1
Disposition of Rehabilitated Alcohol Dependent or Abuser Aircrew, Air Controllers, Hyperbaric Chamber Inside Observers and Instructors	BUMEDINST 5300.8
Enlisted Transfer Manual	NAVPERS 15909, Art 9.12
Navy Military Personnel Manual	NAVPERS 15560, Art 1410240 and 2620300
PQS Manager's Guide	NAVEDTRA 43100-1D
The Naval Aviation Safety Program	OPNAVINST 3750.6

AVIATION WARFARE SYSTEMS OPERATOR (AWN)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
AWN3 & AWN2	AW 3&2, Mod 1	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
	AW 3, Mod 2		
	AW 3&2, Mod 3		
	AW 3&2, Mod 4		
AWN1 & AWC	AW 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
AWN3	
Administration Of Enlisted Flight Orders	BUPERSINST 1326.4
Air Antisubmarine Warfare Tactical Airborne Information Document	NWP 55-2-2
Air ASW Supplement	NWP 55-2-1
Air Navigation Manual	NA-00-80V-49
Aircraft Signals NATOPS Manual	NAVAIR 00-80T-113
Allied Antisubmarine Warfare Manual	ATP-28
Allied Submarine and Antisubmarine Exercise Manual	AXP-1
Antisubmarine Warfare (ASW) Exercises	FXP-1
Combat Search and Rescue Procedures	NWP 19-2
Combat Search and Rescue Manual, Navy Supplement to NWP 19-2	NWP 19-2, Navy Supp
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Electronic Warfare Coordination	NWP 10-1-40
ELINT Parameter Limits (EPL) List	
Joint Reporting System	NWP 10-1-13
Magnetic Recording, NEETS Mod 23	(TRAMAN--See NAVEDTRA 12061)
Maritime Reporting System Confidential Supplement	NWP 10-1-12, Supp 1
Maritime Reporting System	NWP 10-1-12
Military Pay and Allowances Entitlements Manual	NAVSO P-6048-Part Two, Chap 1
National Search and Rescue Manual	Vol I, JCS Pub 3-50

AVIATION WARFARE SYSTEMS OPERATOR (AWN)

REFERENCE TITLE	IDENTIFYING NUMBER
National Search and Rescue Manual	Vol II, JCS Pub 3-50.1
NATOPS Flight Manual P-3B Aircraft	NAVAIR 01-75PAA-1
NATOPS Flight Manual P-3C Aircraft	NAVAIR 01-75PAC-1
NATOPS General Flight and Operating Instructions	OPNAVINST 3710.7
NATOPS Survival Manual	NAVAIR 00-80T-101
Naval Warfare Documentation Guide	NWP 0
NAVOCEANCOM Environmental Tactical Support Products Manual	NAVOCEANCOMINST C3140.22
Navy Search and Rescue (SAR) Manual	NWP 19-1
Navy Search and Rescue Tactical Information Document	NWP 55-8-SAR
NFO/Aircrew NATOPS Flight Manual P-3B Aircraft	NAVAIR 01-75PAA-1.1
NFO/Aircrew NATOPS Flight Manual P-3C Aircraft	NAVAIR 01-75PAC-1.1
Operational Brevity Codes	ACP-165
P-3 Tactical Manual	NWP 55-2-P3
Radar Principles, NEETS Mod 18	(TRAMAN--See NAVEDTRA 12061)
Recognition Guide	DIAM 57-25 Series
Standard First Aid Training Course	(TRAMAN--See NAVEDTRA 12061)
Tactical Action Officer Handbook	NWP 12-5
Technical Manual Sonobuoy Instructional	NAVAIR 28-SSQ-500-1
AWN2	
Atmospheric Refraction	(TRAMAN--See NAVEDTRA 12061)
Department of the Navy Security Program for Automatic Data Processing (ADP) Systems	OPNAVINST 5239.1
Effective Use of the Electromagnetic Products of TESS and IREPS NOSC TD-1369	NAVAIR 00-80T-105
CV NATOPS Manual	NAVAIR 00-80T-105
Infrared Countermeasures for P-3C Aircraft VX-1 Operational Tactics Guide	XZ 3433-1-89
Mission Employment Tactics Tactical Employment Threat Reference Guide and Countertactics	MCM 3-1, Volume II
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
P-3 Defensive Air Combat Maneuvering (DACM) VX-1 Operational Tactics Guide SZ	3336-1-86
P-3 Inverse Synthetic Aperture Radar (ISAR) COMPATWINGSPAC TACMEMO	FZ 1033-2-90
ELINT Parameter Limits (EPL) List Non-Communist Bloc Military Supplement	

AVIATION WARFARE SYSTEMS OPERATOR (AWN)

REFERENCE TITLE	IDENTIFYING NUMBER
AWN1	
Disposition of Rehabilitated Alcohol Dependent or Abuser Aircrew, Air Controllers, Hyperbaric Chamber Inside Observers and Instructors	BUMEDINST 5300.8
Enlisted Transfer Manual	NAVPERS 15909, Art 9.12
Fleet Oceanographic and Acoustic Reference Manual	RP-33
Navy Military Personnel Manual	NAVPERS 15560, Art 1410240 and 2620300
Passive Acoustic Classification Reference Manual	NWP 16
Passive Acoustic Classification Reference Manual--Pocket Guide	NWP 16-1
PQS Manager's Guide	NAVEDTRA 43100-1D
Principles of Lofargram Analysis	NWP 24-1-1, Vol 1
Principles of Lofargram Analysis	NWP 24-1-2, Vol 2
The Naval Aviation Safety Program	OPNAVINST 3750.6

AVIATION WARFARE SYSTEMS OPERATOR (AWC)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
AWC	AW 1&C	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES & NAVEDTRA NUMBERS	SEE NAVEDTRA 12061

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
AWC	
Basic Operational Communications Doctrine	NWP 4
Integrated Undersea Surveillance System Coordination Procedures	NWP 23
Naval Operational Planning	NWP 11
Operational Reports	NWP 10-1-10

**NOTE: AWC IS RESPONSIBLE FOR THE COMBINED
BIBLIOGRAPHIES OF AWA, AWH, AND AWN**

AVIATION MAINTENANCE ADMINISTRATIONMAN (AZ)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
AZ3	AZ 3 & 2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
AZ2	AZ 3 & 2		
AZ1	AMR Supervisor		
AZC	AMR Supervisor		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
AZ3	
NATOPS General Flight and Operating Instructions	OPNAVINST 3710.7--Chaps 4, 10, and Apps B, D, F, G, H, and I
NAMP, Vol II	OPNAVINST 4790.2--Chaps 1 through 6 and all Apps
NAMP, Vol III	OPNAVINST 4790.2--Chaps 1, 2, 3, 5, 7, 8, 13, 14, 15, and all Apps
NAMP, Vol V	OPNAVINST 4790.2--Chaps 1, 2, 3, 5, 6, 8, 9, and all Apps
Department of the Navy Directives Issuance System	SECNAVINST 5215.1
Department of the Navy Correspondence Manual	SECNAVINST 5216.5--Chaps 1 through 10
Aircraft Inventory Reporting System	OPNAVINST 5442.2
Department of the Navy, Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Aircraft Engine Management System	NAVAIRINST 13700.15
Navy Standard Technical Manual Identification Numbering System (TMINS)	N000-00-IDX-000/TMINS
Naval Air Systems Command Technical Manual Program	NAVAIR 00-25-100--Chaps 00300, 00500, 00700, 00900, 01000, 01100, 01200, 01500, 01700, 01900, 02000, 02100, 02200, 02300, and 02400
The NAVAIR Technical Directives System	NAVAIR 00-25-300--Secs II, III, IV, V, and all Apps
AZ2	
NAMP, Vol I	OPNAVINST 4790.2--Chaps 1 through 4, 7, and 9
NAMP, Vol II	OPNAVINST 4790.2--Chap 10
NAMP, Vol III	OPNAVINST 4790.2--Chap 11
NAMP, Vol V	OPNAVINST 4790.2--Chap 4
Naval Air Systems Command Technical Manual Program	NAVAIR 00-25-100--Chaps 00200, 00400, 00800, 01300, 01400, and 01800
Weight and Balance Data	NAVAIR 01-1B-40
USN Aircraft Weight and Balance Control	NAVAIR 01-1B-50

AVIATION MAINTENANCE ADMINISTRATIONMAN (AZ)

REFERENCE TITLE	IDENTIFYING NUMBER
AZ1	
NAMP, Vol II	OPNAVINST 4790.2--Chaps 8, 9, and 11
NAMP, Vol III	OPNAVINST 4790.2--Chaps 9, 10, 12, 15, and 16
AZC	
The Naval Aviation Safety Program	OPNAVINST 3750.6
NAMP, Vol I	OPNAVINST 4790.2--all Apps
NAMP, Vol IV	OPNAVINST 4790.2--Chaps 2, 3, 4, 9, and all Apps
NAMP, Vol VI	OPNAVINST 4790.2--all Apps
The NAVAIR Technical Directives System	NAVAIR 00-25-300

BOATSWAIN'S MATE (BM)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
BM3	BM VOL 1 TRAMAN BM3 NRTC	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
BM2	BM VOL 1 TRAMAN BM2 NRTC		
BM1	BM2 VOL 2 TRAMAN BM VOL 2 NRTC		
BMC			

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
BM3	
Seaman	(TRAMAN--SEE NAVEDTRA 12061)
Navigation Rules, International-Inland	COMDTINST M16672.2B
NSTM, Chap 572, Shipboard Stores and Provision Handling	NAVSEA S9086-TL-STM-000
NSTM, Chap 573, Booms	NAVSEA S9086-TM-STM-000
NSTM, Chap 584, Stern Gates, Ramps, Bow Doors, Turntables, and Water Barriers	NAVSEA S9086-TY-STM-000
NSTM, Chap 613, Wire and Fiber Rope and Rigging	NAVSEA S9086-UU-STM-010
NSTM, Chap 631, Preservation of Ships in Service, Surface Preparation and Painting	NAVSEA S9086-VD-STM-000
Replenishment at Sea	NWP 14 Rev. E
U.S. Navy Search and Rescue Manual	NWP 19-1B
NSTM, Chap 611, Fenders	NAVSEA S9086-US-STM-010
U. S. Navy Towing Manual	NAVSEA S1740-AA-MAN-010
BM2	
NSTM, Chap 077, Personnel Protection Equipment	NAVSEA S9086-CL-STM-010
NSTM, Chap 582, Mooring and Towing	NAVSEA S9086-TW-STM-010
NSTM, Chap 583, Boats and Small Craft	NAVSEA S9086-TX-STM-010
NSTM, Chap 634, Deck Coverings	NAVSEA S9086-VG-STM-000
NSTM, Chap 670, Stowage, Handling, and Disposal of Hazardous General Use of Consumables	NAVSEA S9086-WK-STM-010
NSTM, Chap 581, Anchors and Anchoring	NAVSEA S9086-TV-STM-000
Underway Replenishment Hardware and Equipment Manual	NAVSEA S0910-LP-262-6900
BM1	
Mine Countermeasures Operations	NWP 27-2
NSTM, Chap 034, Service Craft	NAVSEA S9086-BA-STM-000
NSTM, Chap 571, Underway Replenishment	NAVSEA S9086-TK-STM-010
NSTM, Chap 589, Cranes	NAVSEA S9086-T4-STM-010
Ship-to-Ship Towing	ATP 43

BOATSWAIN'S MATE (BM)

REFERENCE TITLE	IDENTIFYING NUMBER
Ship Configuration and Logistics Support Information System (SCLSIS)	NAVSEA S0752-AA-SPN-010 SCLSIS (Rev. 1)
U.S. Navy Salvage Manual, Volume 1	NAVSEA S0300-A6-MAN-010
U.S. Navy Salvage Manual, Volume 2	NAVSEA S0300-A6-MAN-020
Replenishment at Sea	NATO, ATP 16B
BMC	
Naval Safety Supervisor, Chaps 1 through 6	(TRAMAN--SEE NAVEDTRA 12061)
Department of the Navy Correspondence Manual	SECNAVINST 5216.5C
Marine Corps Drill and Ceremonies Manual, Chap 1	SECNAVINST 5060.22

BOILER TECHNICIAN (BT)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
BT3	BT 3&2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
BT2	BT 3&2		
BT1	BT 1&C		
BT1	Engineering Administration		
BTC	BT 1&C		
BTC	Engineering Administration		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
BT3	
Use and Care of Hand Tools and Measuring Tools	(TRAMAN-See NAVEDTRA 12061)
Engineering Administration	(TRAMAN-See NAVEDTRA 12061)
Blueprint Reading and Sketching	(TRAMAN-See NAVEDTRA 12061)
NSTM	
Chap 079, Vol 2, Damage Control - Practical Damage Control	NAVSEA S9086-CN-STM-020
Chap 079, Vol 3, Damage Control - Engineering Casualty Control	NAVSEA S9086-CN-STM-030
Chap 090, Inspections, Tests, Records, and Reports	NAVSEA S9086-CZ-STM-000
Chap 220, Vol 2, Boiler Water/Feedwater - Test and Treatment	NAVSEA 9086-GX-STM-020
Chap 221, Boilers	NAVSEA S9086-GY-STM-010
Chap 254, Condensers, Heat Exchangers, and Air Ejectors	NAVSEA S9086-HY-STM-000
Chap 255, Vol 2, Feedwater System and Apparatus, Deaerated Feed Tank	NAVSEA S9086-HZ-STM-020
Chap 262, Lubricating Oils, Greases, and Hydraulic Fluids and Lubrication Systems	NAVSEA S9086-H7-STM-010
Chap 502, Auxiliary Steam Turbines	NAVSEA S9086-R6-STM-010
Chap 503, Pumps	NAVSEA S9086-RH-STM-000
Chap 505, Piping Systems	NAVSEA S9086-RK-STM-010
Chap 541, Petroleum Fuel Stowage, Use, and Testing	NAVSEA S9086-SN-STM-000
Chap 551, Compressed Air Plants and Systems	NAVSEA S9086-SY-STM-010
Chap 554, Forced-Draft Blowers	NAVSEA S9086-S2-STM-000
Chap 555, Firefighting - Ships	NAVSEA S9086-S3-STM-010
Chap 593, Pollution Control	NAVSEA S9086-T8-STM-010

BOILER TECHNICIAN (BT)

REFERENCE TITLE	IDENTIFYING NUMBER
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4
Guide for User Maintenance of NAVSEA Technical Manuals	NAVSEA S0005-AA-GYD-030/TMMP
U.S. Navy Oil Spill Containment and Clean-Up Kit	NAVSEA 0994-LP-013-6010
Shipboard Heat Stress Control and Personnel Protection	OPNAVINST 5100.20
Standard Organization and Regulations of the U.S. Navy, Chap 6	OPNAVINST 3120.32
Navy Occupational Safety and Health (NAVOSH) Program Manual, Chap 18	OPNAVINST 5100.23
Repair and Overhaul Main Propulsion Boilers, Vol 1	NAVSEA S9221-C1-GTP-010
Repair and Overhaul Main Propulsion Boilers, Vol 2	NAVSEA S9221-C1-GTP-020
BT2	
NSTM	
Chap 225, Steam Machinery Control Systems	NAVSEA S9086-G3-STM-010
Valve Manual	NAVSEA S9253-AD-MMM-030
Quality Assurance Manual developed in accordance with	SECNAVINST 4855.1
BT1	
NSTM	
Chap 094, Trials, Secs 3 and 4	NAVSEA S9086-C4-STM-000
Chap 504, Pressure, Temperature, and Other Mechanical and Electromechanical Measuring Instruments, Sec 4	NAVSEA S9086-RJ-STM-000
Steam Generating Plant Inspection Manual (Non-Nuclear)	NAVSEA S9221-D2-MMA-010
Principles of Naval Engineering	(TRAMAN-See NAVEDTRA 12061)
BTC	
Naval Safety Supervisor	(TRAMAN-See NAVEDTRA 12061)
NSTM	
Chap 220, Vol 1, Boiler Water/Feedwater - Water Chemistry	NAVSEA S9086-GX-STM-010

BUILDER (BU)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
BU3/BU2	BU 3 & 2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES & NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
BU3	SEABEE Combat Handbook, Vol. 1		
BU1	BU 1		
BU1	NCF/SEABEE PO1		
BUC	NCF/SEABEE CPO		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
BU3	
EO 3	(TRAMAN--See NAVEDTRA 12061)
SW 3 & 2	(TRAMAN--See NAVEDTRA 12061)
Blueprint Reading and Sketching	(TRAMAN--See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
The Metric System	(TRAMAN--See NAVEDTRA 12061)
BU2	
Facilities Planning Guide, Vol. I	NAVFAC P-437
Facilities Planning Guide, Vol. II	NAVFAC P-437
SEABEE Planner's and Estimator's Handbook	NAVFAC P-405
Naval Construction Force Table of Allowance	TA-01
Naval Safety Supervisor	(TRAMAN--See NAVEDTRA 12061)
Safety and Health Requirements Manual (U.S. Army Corps of Engineers)	EM-385-1-1
BU1	
Personnel Readiness Capabilities Program, Vol. I	NAVFAC P-458
Personnel Readiness Capabilities Program, Vol. II	NAVFAC P-458
Inspection of Shore Facilities, Vol. I	NAVFAC MO-322
Naval Construction Force Manual	NAVFAC P-315
Environmental and Natural Resources Protection Manual	OPNAVINST 5090.1
Groundwater Pollution Control	DM-5.14
Oil Spill Control for Inland Waters and Harbors	NAVFAC P-908
Facilities Management	NAVFAC MO-321
Maintenance Management of Shore Facilities for Small Activities	NAVFAC MO-321.1
Maintenance Management Program for Naval Construction Force (NCF) Camps	COMSECOND/COMTHIRDNCBINST 11014.2
Organization and Functions for Public Works Departments	NAVFAC P-318
Contracting Manual	NAVFAC P-68
Construction Battalion Unit Handbook	NAVFAC P-317
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
Operations Officer's Handbook	COMSECOND/COMTHIRDNCBINST 5200.2

BUILDER (BU)

REFERENCE TITLE	IDENTIFYING NUMBER
BUC	
Embarkation Manual	COMSECOND/COMTHIRDNCBINST 3120.1
Solid Waste Disposal	DM-5.10
Naval Construction Force Equipment Management Manual	NAVFAC P-404
SEABEE Supply Manual	COMSECOND/COMTHIRDNCBINST 3120.1
Financial Management in the Navy	(TRAMAN--See NAVEDTRA 12061)
Financial Management of Resources	NAVSO P-3006-1

CONSTRUCTION ELECTRICIAN (CE)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
CE3	CE/CE Basic	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES & NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
CE3	SEABEE Combat Handbook, Vol. 1		
CE2	CE/CE Intermediate		
CE1	CE/CE Advanced		
CE1	NCF/SEABEE PO1		
CEC	NCF/SEABEE CPO		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
CE3	
National Electrical Code	NFPA No. 70-1990
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
Facilities Engineering Electrical Exterior Facilities	NAVFAC MO-200
Facilities Engineering Electrical Interior Facilities	NAVFAC MO-116
NEETS -- Mods 1 through 6 and Mod 16 (Tops 1 through 3)	(TRAMAN--See NAVEDTRA 12061)
NEETS -- Mods 7, 8, and 19	(TRAMAN--See NAVEDTRA 12061)
The Lineman's and Cableman's Handbook	
CE2	
Safety and Health Requirements Manual (U.S. Army Corps of Engineers)	EM-385-1-1
NEETS -- Mod 13	(TRAMAN--See NAVEDTRA 12061)
BU 3 & 2	(TRAMAN--See NAVEDTRA 12061)
Facilities Planning Guide, Vol. I	NAVFAC P-437
Facilities Planning Guide, Vol. II	NAVFAC P-437
SEABEE Planner's and Estimator's Handbook	NAVFAC P-405
Navy Driver's Handbook	NAVFAC MO-403
Electric Motor Repair	
Naval Safety Supervisor	(TRAMAN--See NAVEDTRA 12061)
Electric Power Distribution System Operations	NAVFAC MO-201
American Electrician's Handbook	
CE1	
Naval Construction Force Manual	NAVFAC P-315
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat, Vols I and II	OPNAVINST 5100.19
Maintenance of Fire Protection Systems	NAVFAC MO-117
Personnel Readiness Capabilities Program, Vol. I	NAVFAC P-458
Personnel Readiness Capabilities Program, Vol. II	NAVFAC P-458
Environmental and Natural Resources Protection Manual	OPNAVINST 5090.1
Groundwater Pollution Control	DM-5.14

CONSTRUCTION ELECTRICIAN (CE)

REFERENCE TITLE	IDENTIFYING NUMBER
Oil Spill Control for Inland Waters and Harbors	NAVFAC P-908
Inspection of Shore Facilities	NAVFAC MO-322
Maintenance Management of Shore Facilities for Small Activities	NAVFAC MO-321.1
Maintenance Management Program for Naval Construction Force (NCF) Camps	COMSECOND/COMTHIRDNCBINST 11014.2
Installation Design	NAVFAC P-960
Organization and Functions for Public Works Departments	NAVFAC P-318
CEC	
Embarkation Manual	COMSECOND/COMTHIRDNCBINST 3120.1
Embarkation in the U.S. Naval Ships	OPNAVINST 5720.2
Naval Construction Force Equipment Management Manual	NAVFAC P-404
Solid Waste Disposal	DM-5.10
SEABEE Supply Manual	COMSECOND/COMTHIRDNCBINST 4400.3

CONSTRUCTION MECHANIC (CM)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
CM3/CM2	CM 3 & 2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
CM3	SEABEE Combat Handbook, Vol. 1		
CM1	CM, Advanced		
CM1	NCF/SEABEE PO1		
CMC	NCF/SEABEE CPO		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
CM3	
SW 3 & 2	(TRAMAN--See NAVEDTRA 12061)
EO Basic	(TRAMAN--See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
Fluid Power	(TRAMAN--See NAVEDTRA 12061)
Fundamentals of Petroleum	(TRAMAN--See NAVEDTRA 12061)
Naval Construction Force Equipment Management Manual	NAVFAC P-404
CM2	
Safety and Health Requirements Manual (U.S. Army Corps of Engineers)	EM-385-1-1
Naval Safety Supervisor	(TRAMAN--See NAVEDTRA 12061)
CM1	
EO, Advanced	(TRAMAN--See NAVEDTRA 12061)
Naval Mobile Construction Battalion Equipment Management	COMSECOND/COMTHIRDNCBINST 11200.1
Environmental and Natural Resources Protection Manual	OPNAVINST 5090.1
Personnel Readiness Capabilities Program, Vol. I	NAVFAC P-458
Personnel Readiness Capabilities Program, Vol. II	NAVFAC P-458
Groundwater Pollution Control	DM-5.14
Naval Construction Force Manual	NAVFAC P-315
Oil Spill Control for Inland Waters and Harbors	NAVFAC P-908
Organization and Functions for Public Works Departments	NAVFAC P-318
Management of Transportation Equipment	NAVFAC P-300
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat, Vols I and II	OPNAVINST 5100.19
CMC	
Embarkation in U.S. Naval Ships	OPNAVINST 5720.2
Embarkation Manual	COMSECOND/COMTHIRDNCBINST 3120.1
Solid Waste Disposal	DM-5.10

CRYPTOLOGIC TECHNICIAN (ADMINISTRATIVE) (CTA)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
CTA3	Naval Security Group Training Series, Module 19 - The Message	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
CTA3	Naval Security Group Training Series, Module 25 - Introduction to Cryptologic Technician Administrative Rating		
CTA3	Naval Security Group Training Series, Module 11 - SCI Security and Emergency Destruction		
CTA2	Naval Security Group Training Series, Module 26 - Administrative Office Procedures		
CTA2	Naval Security Group Training Series, Module 27 - Personnel Support		
CTA1	Naval Security Group Training Series, Module 1 - Naval Cryptology in National Security		
CTA1	Naval Security Group Training Series, Module 31 - Supervision and Training		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
CTA3	
Cryptologic Technician Training Series, Module 23 - Time Conversion	SEE NAVEDTRA 12061
Naval Security Group Training Series, Module 26 - Administrative Office Procedures	SEE NAVEDTRA 12061
Naval Security Group Training Series, Module 27 - Personnel Support	SEE NAVEDTRA 12061
Naval Security Group Training Series, Module 1 - Naval Cryptology in National Security	SEE NAVEDTRA 12061
Naval Security Group Training Series, Module 22 - Fleet Operations -- Orientation	SEE NAVEDTRA 12061
Naval Security Group Training Series, Module 23 - Fleet Operations -- Electronic Warfare	SEE NAVEDTRA 12061
Naval Security Group Training Series, Module 24 - Fleet Operations -- Tactical Cryptologic Management	SEE NAVEDTRA 12061
Sensitive Compartmented Information (SCI) Security Manual, Administrative Security	DOD C-5105.21-M-1
Navy Department Supplement to DOD C-5105.21-M-1, Sensitive Compartmented Information (SCI) Security Manual, Administrative Security	NAVSUPP to M-1
Defense Courier Service Regulation	DOD 5200.33-R
Department of the Navy File Maintenance Procedures and Standard Subject Identification Codes	SECNAVINST 5210.11
Department of the Navy Directives Issuance System	SECNAVINST 5215.1
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Enlisted Distribution and Verification Report Users' Manual (EDVRMAN) July 1992	EPMAC 1080#4 UM-01
Format and Procedures for Validating the Officer Distribution Control Report (ODCR)	NAVMILPERSCOMINST 1301.2
Navy Enlisted Performance Evaluation (EVAL Manual)	BUPERSINST 1616.9
Naval Military Personnel Manual (MILPERSMAN)	NAVPERS 15560
Enlisted Transfer Manual (TRANSMAN)	NAVPERS 15909
Naval Security Group ADP/IRM Manual	NAVSECGRUINST 5230.3
Command Guidance for Emergency Action Plans (EAP)	NAVSECGRUINST 5510.7
U.S. Navy Plain Language Address Directory	USN PLAD 1

CRYPTOLOGIC TECHNICIAN (ADMINISTRATIVE) (CTA)

REFERENCE TITLE	IDENTIFYING NUMBER
Telecommunications Users Manual	NTP3
U.S. Navy Address Indicating Group (AIG) and Collective Address Designator (CAD) Handbook	NTP3 SUPP-1
CTA2	
Educational Services Officer	NAVEDTRA 12015
Navy and Marine Corps Awards Manual	SECNAVINST 1650.1
Navy and Marine Corps Records Disposition Manual	SECNAVINST 5212.5
Advancement Manual	BUPERSINST 1430.16
NAVSECGRU Awards Manual	NAVSECGRUINST 1650.9
Management of Information Materials	NAVSECGRUINST 5200.5
USSID 18	
Communications Security Material System (CMS) Policy and Procedures Manual	CMS 1
CTA1	
Catalog of Nonresident Training Courses	NAVEDTRA 12061
Manual of Navy Total Force Manpower Policies and Procedures	OPNAVINST 1000.16
Special Incident Reporting	OPNAVINST 3100.6
Physical Security and Loss Prevention Manual	OPNAVINST 5530.14
Navy Officer Fitness Report (FITREP Manual)	BUPERSINST 1611.17
Manual of Navy Officer Manpower and Personnel Classifications, Volume I	NAVPERS 15839
Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards, Volume I, Part A (OCCSTDs)	NAVPERS 18068
Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards, Volume II (NECs)	NAVPERS 18068
Navy Voluntary Education Program	CNETINST 1560.3
Command Inspection Program	NAVSECGRUINST 5040.1
NAVSECGRU Annual Command Histories	NAVSECGRUINST 5750.1
Status of Resources and Training System (SORTS)	NWP 10-1-11
CTAC	
Standard Organization and Regulations of the U.S. Navy	OPNAVINST 3120.32
Physical Security Standards for Construction of Sensitive Compartmented Information Facilities	DIAM 50-3
NAVSECGRU Operations Security (OPSEC) Program	NAVSECGRUINST 3070.1
Personal Privacy and Rights of Individuals Regarding Records Pertaining to Themselves	NAVSECGRUINST 5211.5

CRYPTOLOGIC TECHNICIAN (CTI)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
CTI3	Naval Security Group Training Series, Module 11 - SCI Security and Emergency Destruction	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
CTI3	Naval Security Group Training Series, Module 16 - Radio Wave Modulation and Signal Multiplexing		
CTI2	Naval Security Group Training Series, Module 6 - Analysis and Reporting: Introduction		
CTI2	Naval Security Group Training Series, Module 9 - Cryptologic Collection Equipments, Volume I: Introduction		
CTI2	Naval Security Group Training Series, Module 22 - Fleet Operations - Orientation		
CTI1	Naval Security Group Training Series, Module 1 - Naval Cryptology in National Security		
CTI1	Naval Security Group Training Series, Module 23 - Fleet Operations - Electronic Warfare		
CTIC	Naval Security Group Training Series, Module 24 - Fleet Operations - Tactical Cryptologic Management		
CTIC	Naval Security Group Training Series, Module 31 - Supervision and Training		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
CTI3	
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Naval Security Group Training Series, Module 1 - Naval Cryptology in National Security	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 2 - Introduction to U.S. Navy HFDF BULLSEYE Operations	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 4 - Cryptologic Operators Manual for ELINT Operations	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 6 - Analysis and Reporting: Introduction	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 9 - Cryptologic Collection Equipments, Volume I	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 10 - Cryptologic Collection Equipments, Volume II	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 13 - Analysis and Reporting: Traffic Analysis Net Reconstruction	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 14 - Analysis and Reporting: Analysis Tools	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 15 - Analysis and Reporting: SIGINT Reporting	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 19 - T ¹ age	(TRAMAN - See NAVEDTRA 12061)

CRYPTOLOGIC TECHNICIAN (CTI)

REFERENCE TITLE	IDENTIFYING NUMBER
Naval Security Group Training Series, Module 22 - Fleet Operations - Orientation	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 23 - Fleet Operations - Electronic Warfare	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 24 - Fleet Operations - Tactical Cryptologic Management	(TRAMAN - See NAVEDTRA 12061)
Cryptologic Technician Training Series, Module 23 - Time Conversion	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 26 - Administrative Office Procedures	(TRAMAN - See NAVEDTRA 12061)
Cryptologic Technician Training Series, Module 26 - Personnel Support	(TRAMAN - See NAVEDTRA 12061)
Navy Electricity and Electronics Training Series, Module 10 - Intro. to Wave Propagation, Transmission Lines, and Antennas	(TRAMAN - See NAVEDTRA 12061)
Navy Electricity and Electronics Training Series, Module 17 - Radio-Frequency Communications Principles	(TRAMAN - See NAVEDTRA 12061)
Navy Electricity and Electronics Training Series, Module 23 - Magnetic Recording	(TRAMAN - See NAVEDTRA 12061)
Naval Cryptologic Operations	NWP-5(A)
Cryptologic Shore Support Activities	NSGINST S3230.2
Department of the Navy File Maintenance Procedures and Standard Subject Identification Codes	SECNAVINST 5210.11
Command Guidance for Emergency Action Plans (EAP)	NAVSECGRUINST 5510.7
Naval Security Group ADP/IRM Manual	NAVSECGRUINST 5230.3
NAVSECGRU Logistics Management Manual	NAVSECGRUINST 4000.1
USSID 150	
USSID 404	
USSID PREPARATION HANDBOOK	
USSID 1	
USSID 2	
USSID 101	
USSID 110	
USSID 301	
USSID 325	
USSID 369	
USSID 402	
USSID 406	
USSID 503	
USSID 601	
CTI2	
Naval Security Group Training Series, Module 12 -Collection Management Authority	(TRAMAN - See NAVEDTRA 12061)
Naval Implementation of National Policy on Control of Compromising Emanations	OPNAVINST C5510.93
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
USSID 125	
USSID 300	
USSID 305	

CRYPTOLOGIC TECHNICIAN (CTI)

REFERENCE TITLE	IDENTIFYING NUMBER
CTII	
Implementation of JCS Uniform System of Alert Conditions (LERTCONS) Within the Naval Security Group Command	NAVSECGRUINST C3301.1
Educational Services Officer	NAVEDTRA 12015
Navy Enlisted Performance Evaluation (EVAL) Manual	BUPERSINST 1616.9
Advancement Manual	BUPERSINST 1430.16
Standard Organization and Regulations of the U.S. Navy	OPNAVINST 3120.32
USSID 18	
USSID 302	
CTIC	
Manual of Navy Total Force Manpower Policies and Procedures	OPNAVINST 1000.16
Manual of Enlisted Manpower and Personnel Classification and Occupational Standards, Volume II (NECs)	NAVPERS 18068-F, Introduction only
Enlisted Distribution and Verification Report User's Manual (EDVRMAN)	EPMAC 1080#4 UM-01
Catalog of Nonresident Training Courses	NAVEDTRA 12061
Naval Military Personnel Manual (MILPERSMAN)	NAVPERS 15560C
Navy and Marine Corps Awards Manual	SECNAVINST 1650.1
USSID 398	
USSID 602	

CRYPTOLOGIC TECHNICIAN (CTM)

Table 1.--Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
CTM3	Naval Security Group Training Series, Module 11 - SCI Security and Emergency Destruction	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
CTM3	Cryptologic Technician Training Series, Module 14 - CTM Safety		
CTM2	Naval Security Group Training Series, Module 22 - Fleet Operations--Orientation		
CTM2	Cryptologic Technician Training Series, Module 11 - CTM Organization and Administration		
CTM2	Naval Security Group Training Series, Module 11 - SCI Security and Emergency Destruction		
CTM1	Naval Security Group Training Series, Module 1, Naval Cryptology in National Security		
CTMC	Cryptologic Technician Training Series, Module 13, CTM Supervisor		

Table 2.--Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
CTM3	
Naval Security Group Training Series, Module 2 - Introduction to U.S. Navy HFDF BULLSEYE Operations	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 9 - Cryptologic Collection Equipments, Volume I	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 10 - Cryptologic Collection Equipments, Volume II	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 23 - Fleet Operations--Electronic Warfare	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 24 - Fleet Operations--Tactical Cryptologic Management	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 20 - Technical Control	(TRAMAN - See NAVEDTRA 12061)
EIMB, Test Equipment Handbook	NAVSEA SE000-00-EIM-040
EIMB, Countermeasures Handbook	NAVSEA SE000-00-EIM-070
EIMB, General Handbook	NAVSEA SE000-00-EIM-100
EIMB, Installation Standards Handbook	NAVSEA SE000-00-EIM-110
EIMB, Electronics Circuits Handbook	NAVSEA SE000-00-EIM-120
EIMB, Test Methods and Practices Handbook	NAVSEA SE000-00-EIM-130
EIMB, Reference Data Handbook	NAVSEA SE000-00-EIM-140
EIMB, EMI Reduction Handbook	NAVSEA SE000-00-EIM-150
EIMB, General Maintenance Handbook	NAVSEA SE000-00-EIM-160
Electrostatic Discharge Training Manual	NAVSEA SE003-AA-TRN-010

CRYPTOLOGIC TECHNICIAN (CTM)

REFERENCE TITLE	IDENTIFYING NUMBER
NEETS -- Mods 1 through 17, 19, and 21 through 24	(TRAMAN - See NAVEDTRA 12061)
Naval Shore Electronics Criteria, HF Radio Antenna Systems	NAVELEX 0101.104
Naval Shore Electronics Criteria, Naval Security Group Elements	SPAWAR 0101.108
Naval Shore Electronics Criteria, Installation Standards and Practices	NAVELEX 0101.110
Installation Criteria for Shipboard Secure Electrical Information Processing Systems	MIL-STD-1680
Electrical Characteristics of Digital Interface Circuits	MIL-STD-188-114
Grounding, Bonding, & Shielding for Electronic Equipments & Facilities, Vol. 1 & 2	MIL-HDBK 419
Red/Black Engineering Installation Guidelines	MIL-HDBK 232
Electrostatic Discharge control handbook for protection of electronic parts	MIL-HDBK 263
Guidelines for Facility Design and Red/Black Installation	NACSIM 5203
Physical Security Standards for Construction of Sensitive Compartmented Information Facilities	DIAM 50-3
Security of Compartmented Computer Operations	DIAM 50-4
Technical Surveillance Countermeasures (TSCM Program)	SECNAVINST 5500.31
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Naval Implementation of National Policy on Control of Compromising Emanations	OPNAVINST C5510.93
Department of the Navy Directives Issuance System	SECNAVINST 5215.1
Department of the Navy File Maintenance Procedures and Standard Subject Identification Codes	SECNAVINST 5210.11
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
Naval Shore Electronics Safety Precautions	SPAWARINST 5100.9
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4
NAVSECGRU Logistics Management Manual	NAVSECGRUINST 4000.1
Minor Property Control	NAVSECGRUINST 4050.1
Naval Security Group ADP/IRM Manual	NAVSECGRUINST 5230.3
Command Guidance for Emergency Action Plans (EAP)	NAVSECGRUINST 5510.7
Antenna Inspection, Maintenance, and Repair	NAVSECGRUINST 11014.1
Power Systems Utilization	NAVSECGRUINST 11310.1
Unabridged Navy Index of Publications and Forms	NAVSUP P-2002
Use and Care of Hand Tools and Measuring Tools	(TRAMAN - See NAVEDTRA 12061)
Advancement Handbook for Petty Officers (CTM)	(TRAMAN - See NAVEDTRA 12061)
USSID 702	
USSID 18	
USSID 24	

CRYPTOLOGIC TECHNICIAN (CTM)

REFERENCE TITLE	IDENTIFYING NUMBER
Standard Organization and Regulations of the U.S. Navy	OPNAVINST 3120.32
CTM2	
NEETS - Mod 22, Introduction to Digital Computers	(TRAMAN - See NAVEDTRA 12061)
UMMIPS (Uniform Material Movement and Issue Priority System)	NAVSECGRUINST 4614.1
Facilities Projects	NAVSECGRUINST 11010.6
Operational Reports, NWP 10-1-10	NWP 10-1-10
Navy Enlisted Performance Evaluation (EVAL) Manual	BUPERSINST 1616.9
Reporting of Missing, Lost, Stolen, or Recovered (MLSR) Government Property	SECNAVINST 5500.4
CTM1	
Advancement Manual	BUPERSINST 1430.16
Telecommunications Users Manual	NTP-3I
NAVSECGRU Awards Manual	NAVSECGRUINST 1650.9
Catalog of Nonresident Training Courses	NAVEDTRA 12061
CTMC	
Naval Security Group Training Series, Module 31, Supervision and Training	(TRAMAN - See NAVEDTRA 12061)
Physical Security and Loss Prevention Manual	OPNAVINST 5530.14
Energy Resource Management Plan	NAVSECGRUINST 4100.1
NAVSECGRU O&MN (Operations and Maintenance, Navy) Operating Budget Status and Unfunded Deficiencies	NAVSECGRUINST 7132.1
Mission/Non Mission Operations Cost Account Codes and Related Data	NAVSECGRUINST 7310.1
Manual of Navy Total Force Manpower Policies and Procedures	OPNAVINST 1000.16
Facilities Projects Manual	OPNAVINST 11010.20
Manual of Enlisted Manpower and Personnel Classifications and Occupational Standards, Volume II, Navy Enlisted Classifications (NECs)	NAVPERS 18068
Enlisted Distribution and Verification Report User's Manual (EDVRMAN)	EPMAC 1080#4 UM-01
Educational Services Officer	(TRAMAN - See NAVEDTRA 12061)
Financial Management in the Navy	(TRAMAN - See NAVEDTRA 12061)
Financial Management of Resources Operation and Maintenance (Shore Activities)	NAVSO P-3006

CRYPTOLOGIC TECHNICIAN (COMMUNICATIONS) (CTO)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
CTO3	Naval Security Group Training Series, Module 21 - Automated Communications	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
CTO3	Naval Security Group Training Series, Module 11 - SCI Security and Emergency Destruction		
CTO3	Naval Security Group Training Series, Module 19 - The Message		
CTO2	Cryptologic Technician Training Series, Module 1 - Shipboard Communications		
CTO2	Naval Security Group Training Series, Module 7- Cryptographic Operator's Manual		
CTO2	Naval Security Group Training Series, Module 20 - Technical Control		
CTO1	Naval Security Group Training Series, Module 1 - Naval Cryptology in National Security		
CTOC	Naval Security Group Training Series, Module 31 - Supervision & Training		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
CTO3	
Basic Operational Communications Doctrine	NWP-4
Command Guidance for Emergency Action Plans (EAP)	NAVSECGRUINST 5510.7
Communications Security Material System (CMS) Policy & Procedures Manual	CMS-1
Critical Intelligence Communications System (CRITICOMM) Operating Instructions (U) General	COI-101
CRITICOMM Operating Instructions Facilities Control Procedures	COI-104
Cryptologic Technician Training Series, Module 1 - Shipboard Communications	(TRAMAN--See NAVEDTRA 12061)
Naval Security Group Training Series, Module 21 - Automated Communications	(TRAMAN--See NAVEDTRA 12061)
Cryptologic Technician Training Series, Module 23 - Time Conversion	(TRAMAN--See NAVEDTRA 12061)
Defense Special Security Communications System (DSSCS) Operating Instructions System/Data Procedures	DOI-103
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Fleet Communications	NTP-4
Naval Security Group Training Series, Module 1 - Naval Cryptology in National Security	(TRAMAN--See NAVEDTRA 12061)

CRYPTOLOGIC TECHNICIAN (COMMUNICATIONS) (CTO)

REFERENCE TITLE	IDENTIFYING NUMBER
Naval Security Group Training Series, Module 7 - Cryptographic Operator's Manual	(TRAMAN--See NAVEDTRA 12061)
Naval Security Group Training Series, Module 11 - SCI Security and Emergency Destruction	(TRAMAN--See NAVEDTRA 12061)
Naval Security Group Training Series, Module 19 - The Message	(TRAMAN--See NAVEDTRA 12061)
Naval Security Group Training Series, Module 20 - Technical Control	(TRAMAN--See NAVEDTRA 12061)
Naval Security Group Training Series, Module 22 - Fleet Operations - Orientation	(TRAMAN--See NAVEDTRA 12061)
Navy Electricity and Electronics Training Series, Module 10 - Wave Propagation, Transmission Lines, and Antennas	(TRAMAN--See NAVEDTRA 12061)
Navy Electricity and Electronics Training Series, Module 17 - Radio- Frequency Communications Principles	(TRAMAN--See NAVEDTRA 12061)
Navy Electricity and Electronics Training Series, Module 22 - Introduction to Digital Computers	(TRAMAN--See NAVEDTRA 12061)
Special Security Communications Manual	NSGINST S2501.1
Telecommunications Users Manual	NTP-3
U.S. Navy Address Indicating Group (AIG) and Collective Address Designator (CAD) Handbook	NTP-3 SUPP 1
NAVSECGRU ADP/IRM Manual	NAVSECGRUINST 5230.3
USSID 507	
USSID 508	
CTO2	
Naval Cryptologic Operations	NWP-5
Naval Implementation of National Policy on Control of Compromising Emanations	OPNAVINST C5510.93
Recording Media Inventory Report	NAVSECGRUINST 4440.1
Secure Telephone Unit Third Generation (STU-III) COMSEC Material Management Manual	CMS-6
USSID 18	
USSID 519	
Worldwide AUTODIN Restoral Plan (WARP)	DCA OPLAN 1-84
CTO1	
Communications Security Material System (CMS) Cryptographic Equipment Information/Guide Manual	CMS-5
Naval Security Group Training Series, Module 31 - Supervision and Training	(TRAMAN--See NAVEDTRA 12061)
Department of the Navy Communications Manual	SECNAVINST 5216.5
Department of the Navy File Maintenance Procedures and Standard Subject Identification Codes	SECNAVINST 5210.11
Naval Security Group Training Series, Module 23 - Fleet Operations, Electronic Warfare	(TRAMAN--See NAVEDTRA 12061)

CRYPTOLOGIC TECHNICIAN (COMMUNICATIONS) (CTO)

REFERENCE TITLE	IDENTIFYING NUMBER
Sensitive Compartmented Information (SCI) Security Manual, Administrative Security	Navy Department Supplement to DOD C5105.21-M-1
NAVSECGRU Awards Manual	NAVSECGRUINST 1650.9
Navy Satellite Operations, Satellite Communications, (UHF SATCOM)	NTP-2, SEC II
Naval Warfare Documentation Guide	NWP-0
The Navy Enlisted Performance Evaluation Manual	BUPERSINST 1616.9
CTOC	
Communications Instructions - Security	ACP-122
Department of Defense Staffing Standard for Manual and Semiautomated (Terminal) Telecommunications Centers	DODINST 4605.3
Department of the Navy Directives Issuance System	SECNAVINST 5215.1
Educational Services Officer	(TRAMAN--See NAVEDTRA 12061)
Enlisted Distribution and Verification Report User's Manual (EDVRMAN)	EPMAC 1080#4 UM-01
Job Qualification Requirements (JQR) Management Guide	NAVSECGRUINST 1543.3
Catalog of Nonresident Training Courses	NAVEDTRA 12061
Advancement Manual	BUPERSINST 1430.16
Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards - Volume II Navy Enlisted Classifications	NAVPERS 18068
Manual of Navy Total Force Manpower Policies and Procedures	OPNAVINST 1000.16
NAVSECGRU O&MN (Operations and Maintenance, Navy) Operating Budget Status and Unfunded Deficiencies	NAVSECGRUINST 7132.1
Naval Security Group Training Series, Module 24 - Fleet Operations - Tactical Cryptologic Management	(TRAMAN--See NAVEDTRA 12061)
Personal Privacy and Rights of Individuals Regarding Records Pertaining to Themselves	NAVSECGRUINST 5211.5
Sensitive Compartmented Information (SCI) Security Manual Communications Intelligence (COMINT) Policy	DOD TS-5105.21-M-2
Submission of Telecommunications Service Requests	DISAC 310-130-1

CRYPTOLOGIC TECHNICIAN (CTR)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
CTR3	Naval Security Group Training Series, Module 16 - Radio Wave Modulation and Signal Multiplexing	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
CTR3	Naval Security Group Training Series, Module 11 - SCI Security and Emergency Destruction		
CTR2	Naval Security Group Training Series, Module 5 - Cryptologic Operators Manual for Non-Morse Operations		
CTR2	Naval Security Group Training Series, Module 6 - Analysis and Reporting - Introduction		
CTR2	Naval Security Group Training Series, Module 9 - Cryptologic Collection Equipments, Volume I		
CTR2	Naval Security Group Training Series, Module 10 - Cryptologic Collection Equipments, Volume II		
CTR2	Naval Security Group Training Series, Module 22 - Fleet Operations - Orientation		
CTR1	Naval Security Group Training Series, Module 1 - Naval Cryptology in National Security		
CTR1	Naval Security Group Training Series, Module 23 - Fleet Operations - Electronic Warfare		
CTRC	Naval Security Group Training Series, Module 24 - Fleet Operations - Tactical Cryptologic Management		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
CTR3	
U.S. Navy High Frequency Direction Finding Operations Manual	NAVSECGRUINST S3270.1A (TO BE REPLACED BY NAVSECGRUINST S3270.3)
Naval Security Group Training Series, Module 1 - Naval Cryptology in National Security	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 2 - Introduction to U.S. Navy HFDF BULLSEYE Operations	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 5 - Cryptologic Operators Manual for Non-Morse Operations	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 6 - Analysis and Reporting - Introduction	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 9 - Cryptologic Collection Equipments, Volume I	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 10 - Cryptologic Collection Equipments, Volume II	(TRAMAN - See NAVEDTRA 12061)

CRYPTOLOGIC TECHNICIAN (CTR)

REFERENCE TITLE	IDENTIFYING NUMBER
Naval Security Group Training Series, Module 13 - Analysis and Reporting - Traffic Analysis Net Reconstruction	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 14 - Analysis and Reporting - Analysis Tools	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 15 - Analysis and Reporting - SIGINT Reporting	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 22 - Fleet Operations - Orientation	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 23 - Fleet Operations - Electronic Warfare	(TRAMAN - See NAVEDTRA 12061)
Naval Security Group Training Series, Module 24 - Fleet Operations - Tactical Cryptologic Management	(TRAMAN - See NAVEDTRA 12061)
Cryptologic Technician Training Series, Module 21 - Signals Security	(TRAMAN - See NAVEDTRA 12061)
Cryptologic Technician Training Series, Module 23 - Time Conversion	(TRAMAN - See NAVEDTRA 12061)
Navy Electricity and Electronics Training Series, Module 10 - Intro. to Wave Propagation, Transmission Lines, and Antennas	(TRAMAN - See NAVEDTRA 12061)
Navy Electricity and Electronics Training Series, Module 12 - Modulation Principles	(TRAMAN - See NAVEDTRA 12061)
Navy Electricity and Electronics Training Series, Module 17 - Radio- Frequency Communications Principles	(TRAMAN - See NAVEDTRA 12061)
Navy Electricity and Electronics Training Series, Module 23 - Magnetic Recording	(TRAMAN - See NAVEDTRA 12061)
Signals Security Operations Manual	NAVSECGRUINST C3260.4
Naval Security Group (NSG) ADP/IRM Manual	NAVSECGRUINST 5250.3
Command Guidance for Emergency Action Plans, (EAP)	NAVSECGRUINST 5510.7
Implementation of JCS Uniform System of Alert Conditions (LERTCONS) within the Naval Security Group Command	NAVSECGRUINST C3301.1
Basic Operational Communications Doctrine	NWP-4 (Rev. B)
Naval Cryptologic Operations	NWP-5 (Rev. A)
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
TEXTA Manual (not including Annexes)	
USSID Preparation Handbook	
USSID 2	
USSID 18	
USSID 101 - Basic and Annexes A (including Apps. 1 through 8), B (including Apps. 1 through 5), E (including Apps. 1 through 7), G, H, and I	
USSID 103 - Basic & Annexes A (including App 1), E, F, & H	
USSID 110 - Basic and Annexes A, B, C, D and F	

CRYPTOLOGIC TECHNICIAN (CTR)

REFERENCE TITLE	IDENTIFYING NUMBER
USSID 125 - Basic and Annex A	
USSID 301 - Basic and Annexes A, B, D, G, H, K, and M (including Apps. 1 and 2)	
USSID 325	
USSID 410	
CTR2	
Naval Security Group Training Series, Module 12 - Collection Management Authority	(TRAMAN - See NAVEDTRA 12061)
USSID 110, Basic and all annexes	
USSID 300	
USSID 302	
USSID 369	
USSID 503	
CTR1	
Department of the Navy File Maintenance Procedures and Standard Subject Identification Codes	SECNAVINST 5210.11
Department of the Navy Directives Issuance System	SECNAVINST 5215.1
Naval Security Group Training Series, Mod. 19 - The Message	(TRAMAN - See NAVEDTRA 12061)
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
Standard Organization and Regulations of the U.S. Navy	OPNAVINST 3120.32
Navy Enlisted Performance Evaluation (EVAL) Manual	BUPERSINST 1616.9
Manual of Enlisted Manpower and Personnel Classifications and Occupational Standards, Vol. II (NECs)	NAVPERS 18068-F, Introduction
USSID 402 (Basic only)	
Naval Security Group Training Series, Module 31 - Supervision and Training	(TRAMAN--See NAVEDTRA 12061)
CTRC	
Enlisted Distribution and Verification Report Users Manual (EDVRMAN), Jul 92	EPMAC 1080 # 4 UM-01
NAVSECGRU Logistics Management Manual	NAVSECGRUINST 4000.1
Catalog of Nonresident Training Courses	NAVEDTRA 12061

CRYPTOLOGIC TECHNICIAN (CTT)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
CTT3	Naval Security Group Training Series, Module 11 - SCI Security and Emergency Destruction	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
CTT3	Naval Security Group Training Series, Module 16 - Radio Wave Modulation and Signal Multiplexing		
CTT2	Naval Security Group Training Series, Module 4 - Cryptologic Operators Manual for ELINT Operations		
CTT2	Naval Security Group Training Series, Module 17 - ELINT Collection Procedures (Text is USSID 140)		
CTT2	Naval Security Group Training Series, Module 22 - Fleet Operations — Orientation		
CTT1	Naval Security Group Training Series, Module 1 - Naval Cryptology in National Security		
CTT1	Naval Security Group Training Series, Module 18 - ELINT Processing, Analysis, and Reporting (Text is USSID 240)		
CTT1	Naval Security Group Training Series, Module 23 - Fleet Operations — Electronic Warfare		
CTTC	Naval Security Group Training Series, Module 24 - Fleet Operations — Tactical Cryptologic Management		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
CTT3	
Cryptologic Technician Training Series, Module 23 - Time conversion	(TRAMAN--See NAVEDTRA 12061)
Naval Security Group Training Series, Module 1 - Naval Cryptology in National Security	(TRAMAN--See NAVEDTRA 12061)
Naval Security Group Training Series, Module 4 - Cryptologic Operators Manual for ELINT Operations	(TRAMAN--See NAVEDTRA 12061)
Naval Security Group Training Series, Module 9 - Cryptologic Collection Equipments, Volume 1	(TRAMAN--See NAVEDTRA 12061)
Naval Security Group Training Series, Module 10 - Cryptologic Collection Equipments, Volume 2	(TRAMAN--See NAVEDTRA 12061)
Naval Security Group Training Series, Module 22 - Fleet Operations — Orientation	(TRAMAN--See NAVEDTRA 12061)
Naval Security Group Training Series, Module 23 - Fleet Operations — Electronic Warfare	(TRAMAN--See NAVEDTRA 12061)

CRYPTOLOGIC TECHNICIAN (CTT)

REFERENCE TITLE	IDENTIFYING NUMBER
Naval Security Group ADP/IRM Manual	NAVSECGRUINST 5230.3
Navy Electricity and Electronics Training Series (NEETS), Module 10 - Introduction to Wave Propagation, Transmissions Lines, and Antennas	(TRAMAN--See NAVEDTRA 12061)
Navy Electricity and Electronics Training Series (NEETS), Module 18 - Radar Principles	(TRAMAN--See NAVEDTRA 12061)
Standard ELINT Data System Codes and Formats (SEDSCAF) Manual	NSA/CSS publication
ELINT Parameter Limits (EPL) List (including supplements)	NSA/CSS publication
United States Signals Intelligence Directive (USSID) Preparation Handbook	
USSID 2	
USSID 140 — Basic and Annexes	
CTT2	
Naval Security Group Training Series, Module 24 - Fleet Operations — Tactical Cryptologic Management	(TRAMAN--See NAVEDTRA 12061)
USSID 240 — Basic and Annexes	
USSID 301 — Basic and Annexes	
USSID 302 — Basic and Annexes	
CTT1	
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards, Volume I, Part A, Occupational Standards (OCCSTDs) (Introduction)	NAVPERS 18068
Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards, Volume II, Navy Enlisted Classifications (NECs) (Introduction)	NAVPERS 18068
Enlisted Distribution and Verification Report Users' Manual (EDVRMAN)	EPMAC Document No. 1080#4 UM-01
Command Guidance for Emergency Action Plans (EAP)	NAVSECGRUINST 5510.7
Implementation of JCS Uniform System of Alert Conditions (LERTCONS) Within the Naval Security Group Command	NAVSECGRUINST C3301.1
Navy Enlisted Performance Evaluation (EVAL) Manual	BUPERSINST 1616.9

CRYPTOLOGIC TECHNICIAN (CTT)

REFERENCE TITLE	IDENTIFYING NUMBER
Educational Services Officer	(TRAMAN--See NAVEDTRA 12061)
CTTC	
Naval Security Group Training Series, Module 31 - Supervision and Training	(TRAMAN--See NAVEDTRA 12061)
Naval Security Group Training Series, Module 26 - Administrative Office Procedures	(TRAMAN--See NAVEDTRA 12061)
Cryptologic Technician Training Series, Module 26 - Personnel Support	(TRAMAN--See NAVEDTRA 12061)
Department of the Navy Correspondence Manual	SECNAVINST 5216.5

DAMAGE CONTROLMAN (DC)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
DC3	DC 3&2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
DC2	DC 3&2		
DC1	HT 1&C/DC 1&C		
DCC	HT 1&C/DC 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
DC3	
Blueprint Reading and Sketching	(TRAMAN-See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Tools	(TRAMAN-See NAVEDTRA 12061)
NSTM	
Chap 070, Radiological Recovery of Ships After Nuclear Weapons Explosions	NAVSEA S9086-CD-STM-000
Chap 077, Personnel Protection Equipment	NAVSEA S9086-CL-STM-010
Chap 079, Vol 1, Damage Control - Stability and Buoyancy	NAVSEA S9086-CN-STM-010
Chap 079, Vol 2, Damage Control - Practical Damage Control	NAVSEA S9086-CN-STM-020
Chap 079, Vol 3, Damage Control - Engineering Casualty Control	NAVSEA S9086-CN-STM-030
Chap 470, Shipboard BW/CW Defense and Countermeasures	NAVSEA S9086-QH-STM-000
Chap 505, Piping Systems	NAVSEA S9086-RK-STM-010
Chap 555, Firefighting - Ship	NAVSEA S9086-S3-STM-010
Chap 593, Pollution Control	NAVSEA S9086-T8-STM-010
Chap 670, Stowage, Handling, and Disposal of Hazardous General Use Consumables	NAVSEA S9086-WK-STM-010
Chap 9880, Damage Control: Compartment Testing and Inspection	NAVSEA 0901-LP-884-0004
Chemical, Biological, and Radiological Defense Handbook for Training	NAVSEA S5080-AA-HBK-010
Hazardous Material User's Guide	OPNAV P-45-110-91
Training Aid Booklet for Damage Control Equipment	NAVSEA S5090-B1-TAB-010
Surface Ship Damage Control	NWP-62-1 (Rev D)
Standard Organization and Regulations of the U.S. Navy, Chap 6, Sec 630.17	OPNAVINST 3120.32
Environmental and Natural Resources Protection Manual	OPNAVINST 5090.1

DAMAGE CONTROLMAN (DC)

REFERENCE TITLE	IDENTIFYING NUMBER
Technical Manual for P-250 Mod 2	NAVSEA S6226-EQ-MMA-010
Ship's Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4
Technical Manual for Four-Man Motor Blower Assembly with Hose and Bag Assembly	NAVSEA 0910-LP-275-4300
Technical Manual for the ArcAir Slice PECU	NAVSEA 0910-LP-343-1700
Technical Manual for the RAMFAN (WF-20) Ventilation Blower	
NO ADDITIONAL BIBLIOGRAPHY FOR DC2	
DC1	
Engineering Administration	(TRAMAN-See NAVEDTRA 12061)
Technical Manual for the Damage Control Wirefree Communications System AN/SRC-53	NAVSEA 61Z1-288-1-332
NSTM	
Chap 074, Vol 3, Gas Free Engineering	NAVSEA S9086-CH-STM-030
DCC	
NSTM	
Chap 096, Weights and Stability	NAVSEA S9086-C6-STM-000

DISBURSING CLERK (DK)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
DK3	DK 3&2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
DK2			
DK1	DK 1&C		
DKC			

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
DK3	
Customer Service Manual	(TRAMAN--See NAVEDTRA 12061)
Department of Defense Financial Management Regulation -- Military Pay, Policy, and Procedures (DODFMR), Volume 7, Part A	DOD 7000.14 -- Parts 1 through 4 and 6 through 8
Joint Federal Travel Regulations, Volume 1	NAVSO P-6034 -- Chaps 5 and 8
Navy Comptroller Manual, Volume 4	NAVSO P-1000 -- Chaps 3 through 5 and 8
Disbursing, Administrative, and Personnel Manual (DAPMAN), Volume II	NAVSO P-3680 -- Parts 1 through 4 and 6 through 9
Navy Travel Instructions	NAVSO P-1459 -- Chaps 1, 6, and 9
Remission of Indebtedness or Waiver of the Government's Claims Arising From Erroneous Payments to or on Behalf of the Naval Service	SECNAVINST 7220.38
Source Data System Procedures Manual (SDSPROMAN), Volume I	NAVSO P-3069 -- Parts 1 through 5
Source Data System Procedures Manual (SDSPROMAN), Volume II	NAVSO P-3069 -- Parts 1 through 8
Navy Comptroller Manual, Volume 2	NAVSO P-1000 -- Chap 2
DK2	
Joint Federal Travel Regulations, Volume 1	NAVSO P-6034 -- Chaps 2 through 4, 7, and 9
Navy Comptroller Manual, Volume 4	NAVSO P-1000 -- Chaps 7 and 20
Navy Travel Instructions	NAVSO P-1459 -- Chap 2
Navy Passenger Transportation Manual	NAVMILPERSCOMINST 4650.2 -- Chap 4
DK1	
Joint Federal Travel Regulations, Volume 1	NAVSO P-6034 -- Chap 6

DISBURSING CLERK (DK)

REFERENCE TITLE	IDENTIFYING NUMBER
Navy Comptroller Manual, Volume 4	NAVSO P-1000 -- Chaps 11, 13 through 15, and 19
Navy Travel Instructions	NAVSO P-1459 -- Chaps 3 through 5 and 12
DKC	
Navy Comptroller Manual, Volume 4	NAVSO P-1000 -- Chaps 2, 12, 21, and 22
Navy Travel Instructions	NAVSO P-1459 -- Chaps 7 and 8

ILLUSTRATOR DRAFTSMAN (DM)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
DM3/DM2	DM/DM 3 & 2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
DM1/DMC	DM/DM 1 & C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
DM3	
LI	(TRAMAN--see NAVEDTRA 12061)
Blueprint Reading and Sketching	(TRAMAN--see NAVEDTRA 12061)
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Technical Drawing, Giesecke, Mitchell, Spencer, Hill, and Dygdon, . Macmillan Publishing Co., New York	
Complete Airbrush and Photo-Retouching Manual, Peter Owen and Joan Sutcliffe, Northlight Books, Cincinnati, OH, 1985	
Planning, Producing, and Using Instructional Technologies, Jerrold E. Kemp, Don C. Smellie, Harper Collins College Publishers, New York, 1994	
Looking Good in Print, Roger Parker, Ventana Press, Chapel Hill, NC, 1990	
Guide to Desktop Publishing, Graphic Arts Technical Foundation, Inc., 1992	
The Scanner Book, Beale, Stephen and James Cavuto, Micro Publishing, Torrence, CA, 1989	
DM2	
Department of the Navy Graphic Design Standards	SECNAVINST 5600.20
Forms Management Program Guidance	OPNAVINST 5213.1
DM1	
Permission to Copy Materials Subject to Copyright	SECNAVINST 5870.5
Naval Imaging Program (NAVIMP) Policy and Responsibilities	OPNAVINST 5290.1
Copyrighted Materials Used in Department of the Navy Publications	NAVPUBINST 5870.1
Department of the Navy Publications and Printing Regulations	NAVSO P-35
DMC	
Government Printing and Binding Regulations	JCP No. 26
Reprographics Management Program Manual	NAVPUBINST 5600.44
Preparation and Submission of JCP Forms 1, 5, and 6; procedures for	NAVPUBINST 5603.10

DATA PROCESSING TECHNICIAN (DP)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
DP3	DP3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
DP3	Introduction to Programming in BASIC		
DP2	DP2		
DP1/DPC	DP 1 & C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
ALL PAYGRADES	
Any governmental and commercial materials that pertain to and support your PARs, Occupational Standards, and the real world computer environment to help you gain knowledge and a more thorough understanding of general concepts that apply to the DP rating.	Relevant materials include computer operations manuals and standard operating procedures (SOPs) used in your ADP facility; related computer books, manuals, magazines, and other publications.
DP3	
Guideline: American National Dictionary for Information Systems	FIPS Pub 11
Telecommunications: Glossary of Telecommunication Terms	FEDERAL STANDARD 1037
Department of the Navy Automatic Information Systems (AIS) Security Program	SECNAVINST 5239.2
Department of the Navy Security Program for Automatic Data Processing Systems	OPNAVINST 5239.1
Microcomputer Software and Hardware	MIL-HDBK-805(OM)
DP2	
Network User ID and Password Procedures	MIL-HDBK-804(OM)
DP1	
Computer Resources Management	SECNAVINST 5238.1
Guideline on Evaluation of Techniques for Automated Personal Identification	FIPS Pub 48
Guidelines on Computer Performance Management: An Introduction	FIPS Pub 49
Guideline for Planning and Using a Data Dictionary System	FIPS Pub 76
Guideline for Planning and Management of Database Applications	FIPS Pub 77

DATA PROCESSING TECHNICIAN (DP)

REFERENCE TITLE	IDENTIFYING NUMBER
Department of the Navy Automated Data System Documentation Standards	SECNAVINST 5233.1
DPC	
Automated SNAP I Supply Procedures, Vol 1, Logistics and Inventory Management	NAVSUP P-567
Guideline on Integrity Assurance and Control in Database Administration	FIPS Pub 88

DATA SYSTEMS TECHNICIAN (DS)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
DS3/DS2	DS Training Series, Vol 1	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLE AND NAVEDTRA NUMBER	SEE NAVEDTRA 12061
DS3/DS2	DS Training Series, Vol 2		
DS3/DS2	DS Training Series, Vol 3 (and Vols 4 and 5 when available)		
DS1/DSC	DS Training Series, Vol 6		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
DS3	
Basic Liquid Cooling Systems for Shipboard Electronics, Chap 1	NAVSEA 0948-LP-122-8010
Blueprint Reading and Sketching, Chaps 4, 5, and 7	(TRAMAN--SEE NAVEDTRA 12061)
Department of the Navy Information and Personnel Security Program Regulation, Chaps 10 and 17	OPNAVINST 5510.1
EIMB, General Handbook, Secs 3, 4, and 5	NAVSEA SE000-00-EIM-100
EIMB, General Maintenance Handbook, Secs 2 and 3	NAVSEA SE000-00-EIM-160
EIMB, Test Methods & Practices Handbook, Sec 3	0967-LP-000-0130
EIMB, Reference Data Handbook	0967-LP-000-0140
Standard Requirements for Soldered Electrical and Electronic Assemblies	MIL-STD-2000
Electronics Doctrine	Generated locally
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--SEE NAVEDTRA 12061 UNDER Tools and Their Uses)
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4
NEETS--Module 1, Introduction to Matter, Energy, and Direct Current	(TRAMAN--SEE NAVEDTRA 12061)
NEETS--Module 2, Introduction to Alternating Current and Transformers	(TRAMAN--SEE NAVEDTRA 12061)
NEETS--Module 3, Introduction to Circuit Protection, Control, and Measurement	(TRAMAN--SEE NAVEDTRA 12061)
NEETS--Module 4, Introduction to Electrical Conductors, Wiring Techniques, and Schematic Reading	(TRAMAN--SEE NAVEDTRA 12061)
NEETS--Module 6, Introduction to Electronic Emission, Tubes, and Power Supplies	(TRAMAN--SEE NAVEDTRA 12061)
NEETS--Module 7, Introduction to Solid-State Devices and Power Supplies	(TRAMAN--SEE NAVEDTRA 12061)

DATA SYSTEMS TECHNICIAN (DS)

REFERENCE TITLE	IDENTIFYING NUMBER
NEETS--Module 8, Introduction to Amplifiers	(TRAMAN--SEE NAVEDTRA 12061)
NEETS--Module 9, Introduction to Wave-Generation and Wave-Shaping Circuits	(TRAMAN--SEE NAVEDTRA 12061)
NEETS--Module 13, Introduction to Number Systems and Logic Circuits	(TRAMAN--SEE NAVEDTRA 12061)
NEETS--Module 14, Introduction to Microelectronics	(TRAMAN--SEE NAVEDTRA 12061)
NEETS--Module 15, Principles of Synchros, Servos, and Gyros	(TRAMAN--SEE NAVEDTRA 12061)
NEETS--Module 16, Introduction to Test Equipment	(TRAMAN--SEE NAVEDTRA 12061)
NEETS--Module 19, The Technician's Handbook	(TRAMAN--SEE NAVEDTRA 12061)
NEETS--Module 20, Master Glossary and Index	(TRAMAN--SEE NAVEDTRA 12061)
NEETS--Module 21, Test Methods and Practices	(TRAMAN--SEE NAVEDTRA 12061)
NEETS--Module 22, Introduction to Digital Computers	(TRAMAN--SEE NAVEDTRA 12061)
NEETS--Module 23, Magnetic Recording	(TRAMAN--SEE NAVEDTRA 12061)
NEETS--Module 24, Introduction to Fiber Optics	(TRAMAN--SEE NAVEDTRA 12061)
DS2	
Basic Liquid Cooling Systems for Shipboard Electronics, Chap 3	NAVSEA 0948-LP-122-8010
Connections, Electrical, Solderless Wrapped	MIL-STD-1130
Afloat Supply Procedures, Sec 6169	NAVSUP P-485
EIMB, Electronics Circuits Handbook	0967-LP-000-0120
EIMB, Installation Standards	NAVSEA 0967-LP-000-0110
Microcomputer Software and Hardware Guidelines	MIL-HDBK-805 (OM)
NSTM, Liquid Cooling Systems for Electronic Equipment, Sec 4	NAVSEA S9086-SD-STM-000
Engineering Information Bulletins (EIB)/Engineering Change Proposals (ECP) Field Change Kits	
DS1	
Basic Liquid Cooling Systems for Shipboard Electronics, Chap 2	NAVSEA 0948-LP-122-8010
Afloat Supply Procedures	NAVSUP P-485
Combat Direction Systems (CDS) Test Software	NAVSEA 0967-LP-011-0172
COSAL Use and Maintenance Manual	SPCCINST 4441.170
EIMB, General Maintenance Handbook	NAVSEA SE000-00-EIM-160
Guide for User Maintenance of NAVSEA Technical Manuals	S0005-AA-GYD-030/TMMP
NSTM, Liquid Cooling Systems for Electronic Equipment, Secs 1-3	NAVSEA S9086-SD-STM-000
Ship Configuration and Logistics Support Information System	S0752-AA-SPN-010/SCLISIS

DATA SYSTEMS TECHNICIAN (DS)

REFERENCE TITLE	IDENTIFYING NUMBER
DSC	
Operational Reports	NWP 10-1-10
Shipboard Electronics Material Officer	(TRAMAN--SEE NAVEDTRA 12061)
Test and Evaluation Reference Handbook	S9095-AC-HBK-010/TEST HBK

DENTAL TECHNICIAN (DT)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
DT3	DENTAL ASSISTANT, BASIC	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
DT2 DT1 DTC	DENTAL ASSISTANT, ADVANCED		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
DT3	
Dental Infection Control Program	BUMEDINST 6600.10
Dental Information Retrieval System (DIRS)	NAVMEDCOMINST 6600.1
Dental Health Questionnaire (NAVMED 6600/3)	NAVMEDCOMINST 6600.2
Department of the Navy Privacy Act Program	SECNAVINST 5211.5
Department of the Navy Standards of Oral Healthcare	BUMEDINST 6320.82
Glossary of Healthcare Terminology	BUMEDINST 6320.69
Health Care Treatment Records (NAVMED 6150/10-19)	NAVMEDCOMINST 6150.1
HM 3&2--Chaps 3, 4, and 12	(TRAMAN-See NAVEDTRA 12061)
Manual of the Medical Department, U.S. Navy--Chaps 6, 16, and 23	NAVMED P-117
Mercury Control Program for Dental Treatment Facilities	NAVMEDCOMINST 6260.2
Navy Customer Service Manual	(TRAMAN-See NAVEDTRA 12061)
Nitrous Oxide-Oxygen Inhalation Conscious Sedation for Dental Outpatient Services	BUMEDINST 6710.68
Nosocomial Infection Control Program	BUMEDINST 6220.9
Organization Manual for Geographic Naval Medical Commands, Naval Hospitals, Naval Medical Clinics, and Naval Dental Clinics	NAVMEDCOMINST 5450.1
Outpatient Intravenous Anesthesia Services for Dental Patients	BUMEDINST 6710.67
Preventive Dentistry Program	SECNAVINST 6600.3
Standard First Aid Training Course	(TRAMAN-See NAVEDTRA 12061)
DT2	
Authorized MED/DEN Allowance Lists	BUMEDINST 6700.13
Dental Equipment and Facilities Report (NAVMED 6750/4)	BUMEDINST 6750.5

DENTAL TECHNICIAN (DT)

REFERENCE TITLE	IDENTIFYING NUMBER
Department of the Navy Correspondence	SECNAVINST 5216.5
Department of the Navy Directives Issuance System	SECNAVINST 5215.1
Department of the Navy File Maintenance Procedures and Standard Subject Identification Codes (SSIC)	SECNAVINST 5210.11
Equipment Management Manual--Secs 3, 5, 6, and 8	NAVMED P-5132
Local Procurement and Standardization of Medical and Dental Materiel	BUMEDINST 6700.20
Management of Medical Waste	BUMEDINST 6280.1
Manual of the Medical Department, U.S. Navy--Chap 15	NAVMED P-117
Navy and Marine Corps Records Disposition Manual	SECNAVINST 5212.5
Programming and Acquisition of Medical and Dental Investment Equipment Requirements for Navy Operating Forces	BUMEDINST 635.7
Quality Assurance (QA) Program	BUMEDINST 6010.13
Radiation Protection Survey and Equipment Performance Test of Diagnostic X-ray Equipment	NAVMEDCOMINST 6470.6
Reporting and Processing of Defective or Unsatisfactory Medical and Dental Materiel	BUMEDINST 6710.63
DT1	
Command Training Program	NAVMEDCOMINST 1500.8
Enlisted Distribution and Verification Report Users' Manual	EDVR Manual 1080#4 UM-01
Equipment Management Manual--Secs 10 and 11	NAVMED P-5132
HM 1&C--Chap 6	(TRAMAN-See NAVEDTRA 12061)
Management of Dated Medical and Dental Materiel	BUMEDINST 6710.62
Manual of the Medical Department, U.S. Navy--Chap 1	NAVMED P-117
Medical Expense and Performance Reporting System for Fixed Medical and Dental Treatment Facilities	DOD Directive 6010.13-M
Naval Military Personnel Manual (MILPERSMAN) arts 3610100 through 3640470 and 5030260 through 5410160	NAVPERS 15560C
Operational Readiness Dental Standards	SECNAVINST 6600.2
Physical Security and Loss Control	OPNAVINST 5530.14
Professional Medical Reference Materials and Publications	NAVMEDCOMINST 6820.1
Submission of Automated Quality of Care Evaluation Support System (AQCESS), Worldwide Outpatient Reporting System (WORS), and Medical Expense and Performance Reporting System (MEPRS) Data on Magnetic Media	BUMEDINST 6300.12

DENTAL TECHNICIAN (DT)

REFERENCE TITLE	IDENTIFYING NUMBER
Suitability for Overseas Assignment of Navy and Marine Corps Members and Their Accompanying Dependents	NAVMEDCOMINST 1300.1
Resuscitation Training	BUMEDINST 1500.15
The Navy Enlisted Performance Evaluation System	BUPERSINST 1616.9
DTC	
Activity Safety and Occupational Health Program	NAVMEDCOMINST 5100.1
Adverse Privileging Actions, Peer Review Procedures, and Healthcare Provider Reporting	BUMEDINST 6320.67
Credentials Review and Privileging Program	BUMEDINST 6320.66
Department of the Navy Information Requirements (Reports) Management Program	SECNAVINST 5214.2
Electrical Safety in Medical Treatment Facilities	NAVMEDCOMINST 5100.4
Forms and Reports Management Program	BUMEDINST 5210.9
Manual of Navy Total Force Manpower	OPNAVINST 1000.16
Officer Distribution Control Report (ODCR)	NAVMILPERSCOMINST 1301.2
On-the-job Training for Hospital Corpsmen and Dental Technicians	BUMEDINST 1510.18
Recovery and Utilization of Precious Metals	NAVMEDCOMINST 4010.1

ENGINEERING AID (EA)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
EA3	EA 3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
EA3	SEABEE Combat Handbook, Vol. 1		
EA2	EA, Int. & Adv., Part 1		
EA1	EA, Int. & Adv., Part 2		
EA1	NCF/SEABEE PO1		
EAC	NCF/SEABEE CPO		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
EA3	
The Metric System	(TRAMAN--See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
Policy and Procedures for Project Drawing and Specification Preparation	MIL-HDBK 1006/1
Materials Testing	NAVFAC MO-330
EA2	
Facilities Planning Guide, Vol. I	NAVFAC P-437
Facilities Planning Guide, Vol. II	NAVFAC P-437
SEABEE Planner's and Estimator's Handbook	NAVFAC P-405
Procedures for Naval Construction Force Timekeeping	COMSECOND/COMTHIRDNCBINST 5312.1
Safety and Health Requirements Manual (U.S. Army Corps of Engineers)	EM-385-1-1
Naval Safety Supervisor	(TRAMAN--See NAVEDTRA 12061)
EA1	
Naval Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
Personnel Readiness Capabilities Program, Vol. I	NAVFAC P-458
Personnel Readiness Capabilities Program, Vol. II	NAVFAC P-458
Inspection of Shore Facilities, Vol. I	NAVFAC MO-322
Naval Construction Force Manual	NAVFAC P-315
Construction Battalion Unit Handbook	NAVFAC P-314
Groundwater Pollution Control	DM-5.14
Environmental and Natural Resources Protection Manual	OPNAVINST 5090.1
Maintenance Management of Shore Facilities for Small Activities	NAVFAC MO-321.1
Maintenance Management Program for Naval Construction Force (NCF) Camps	COMSECOND/COMTHIRDNCBINST 11014.2
Facilities Management	NAVFAC MO-321
Oil Spill Control for Inland Waters and Harbors	NAVFAC P-908
Policy and Procedures for Engineering and Design Criteria Manual Preparation	MIL-HDBK 1006/3

ENGINEERING AID (EA)

REFERENCE TITLE	IDENTIFYING NUMBER
SEABEE Supply Manual	COMSECOND/COMTHIRDNCBINST 4400.3
Operations Officer's Handbook	COMSECOND/COMTHIRDNCBINST 5200.2
EAC	
Embarkation Manual	COMSECOND/COMTHIRDNCBINST 3120.1
Embarkation in the U.S. Naval Ships	OPNAVINST 5270.2
Naval Construction Force Equipment Management Manual	NAVFAC P-404
Organization and Function for Public Works Departments	NAVFAC P-318
Service Contracts: Specifications and Surveillance	NAVFAC MO-327
Solid Waste Disposal	DM-5.10
Contracting Manual	NAVFAC P-68
Financial Management of Resources	NAVSO P-3006-1
Financial Management in the Navy	(TRAMAN--See NAVEDTRA 12061)

ELECTRICIAN'S MATE (EM)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
EM3	EM 3&2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
EM2	EM 3&2		
EM1	EM 1&C		
EM1	Engineering Administration		
EMC	EM 1&C		
EMC	Engineering Administration		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
EM3	
Use and Care of Hand Tools and Measuring Tools	(TRAMAN-See NAVEDTRA 12061)
Blueprint Reading and Sketching	(TRAMAN-See NAVEDTRA 12061)
NEETS	
Module 1 - Introduction to Matter, Energy, and Direct Current	(TRAMAN-See NAVEDTRA 12061)
Module 2 - Introduction to Alternating Current and Transformers	(TRAMAN-See NAVEDTRA 12061)
Module 3 - Circuit Protection, Control, and Measurement	(TRAMAN-See NAVEDTRA 12061)
Module 4 - Introduction to Electrical Conductors, Wiring Techniques, and Schematic Reading	(TRAMAN-See NAVEDTRA 12061)
Module 5 - Introduction to Generators and Motors	(TRAMAN-See NAVEDTRA 12061)
Module 6 - Introduction to Electronic Emission, Tubes, and Power Supplies	(TRAMAN-See NAVEDTRA 12061)
Module 7 - Introduction to Solid-State Devices and Power Supplies	(TRAMAN-See NAVEDTRA 12061)
Module 13 - Introduction to Number Systems and Logic Circuits	(TRAMAN-See NAVEDTRA 12061)
Module 16 - Test Equipment	(TRAMAN-See NAVEDTRA 12061)
Module 19 - The Technician's Handbook	(TRAMAN-See NAVEDTRA 12061)
Module 20 - Master Glossary and Index	(TRAMAN-See NAVEDTRA 12061)
NSTM	
Chap 300, Electric Plant General	NAVSEA S9086-KC-STM-000
Chap 302, Electric Motors and Controllers	NAVSEA S9086-KE-STM-000
Chap 313, Portable Storage and Dry Batteries	NAVSEA S9086-KR-STM-000
Chap 320, Electric Power Distribution Systems	NAVSEA S9086-KY-STM-000
Chap 330, Lighting	NAVSEA S9086-K9-STM-000

ELECTRICIAN'S MATE (EM)

REFERENCE TITLE	IDENTIFYING NUMBER
Chap 422, Navigation and Signal Lights	NAVSEA 9086-N2-STM-000
Chap 434, Motion Picture Equipment	NAVSEA S9086-PE-STM-000
Chap 491, Electrical Measuring and Test Instruments, Secs 3, 4, and 5	NAVSEA S9086-Q5-STM-000
Chap 634, Deck Coverings, Sec 6	NAVSEA S9086-VG-STM-000
Operation, Maintenance and Service Instruction for Filmsound 16mm Projector Model 1585 ML	NAVSEA 0910-LP-005-3200
Ships' Maintenance and Material Management (3-M) Manual, Chaps 1, 2, 3, 5, 6, and 9	OPNAVINST 4790.4
Standard Organization and Regulations of the U.S. Navy	OPNAVINST 3120.32
Navy Safety Precautions for Forces Afloat, Chap 5	OPNAVINST 5100.19
EM2	
IC 3, Chap 5	(TRAMAN-See NAVEDTRA 12061)
Engineering Administration, Chaps 1 and 3	(TRAMAN-See NAVEDTRA 12061)
NEETS	
Module 8, Amplifiers	(TRAMAN-See NAVEDTRA 12061)
Module 15, Principles of Synchros, Servos, and Gyros	(TRAMAN-See NAVEDTRA 12061)
Module 21, Test Methods and Practices	(TRAMAN-See NAVEDTRA 12061)
750 KW AC Turbine Generator Set and Static Exciter Regulator, Chap 5	NAVSHIPS 0961-014-9010
Visual Landing Aids	NAVAIR 51-50ABA-1
Stabilized Guide Slope Indicator	NAVAIR 51-5B-1
NSTM	
Chap 079, Vol 3, Damage Control - Engineering Casualty Control	NAVSEA S9086-CN-STM-030
Chap 244, Propulsion Bearings and Seals	NAVSEA S9086-HN-STM-000
Chap 310, Electric Power Generators and Conversion Equipment	NAVSEA S9086-KN-STM-000
Chap 475, Magnetic Silencing	NAVSEA S9086-QN-STM-000
Chap 491, Electrical Measuring and Test Instruments	NAVSEA S9086-Q5-STM-000
Chap 633, Cathodic Protection	NAVSEA S9086-VF-STM-010
Electric Machinery Repair, Vol 1, Electric Motor Repair	NAVSEA 0900-LP-060-2010
Power Supply, Metallic Rectifier, Helicopter Starting and Servicing	NAVSEA 0962-LP-051-4010
Ships' Maintenance and Material Management (3-M) Manual, Chaps 12 and 13	OPNAVINST 4790.4
EM1	
BT 1&C, Chap 11	(TRAMAN-See NAVEDTRA 12061)
NSTM	

ELECTRICIAN'S MATE (EM)

REFERENCE TITLE	IDENTIFYING NUMBER
Chap 094, Trials	NAVSEA S9086-C4-STM-000
Quality Assurance Manual developed in accordance with SECNAVINST 4855.1	
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat, Chaps 15 - 20	OPNAVINST 5100.23
EMC	
BT 1&C, Chaps 3 through 8	(TRAMAN-See NAVEDTRA 12061)
NSTM	
Chap 090, Inspections, Tests, Records, and Reports	NAVSEA S9086-CZ-STM-000
Chap 220, Vol 1, Boiler Water/Feedwater - Water Chemistry	NAVSEA S9086-GX-STM-010
Chap 220, Vol 2, Boiler Water/Feedwater - Test and Treatment	NAVSEA 9086-GX-STM-020
Chap 221, Boilers	NAVSEA S9086-GY-STM-010
Test Methods and Practices	NAVSEA 0967-LP-000-0130

ENGINEMAN (EN)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
EN3	EN3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
EN2	EN2		
EN1	EN 1&C		
EN1	Engineering Administration		
ENC	EN 1&C		
ENC	Engineering Administration		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
EN3	
Blueprint Reading and Sketching	(TRAMAN-See NAVEDTRA 12061)
Engineering Administration	(TRAMAN-See NAVEDTRA 12061)
Fluid Power	(TRAMAN-See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Instruments	(TRAMAN-See NAVEDTRA 12061)
MM 3&2	(TRAMAN-See NAVEDTRA 12061)
MR 3&2	(TRAMAN-See NAVEDTRA 12061)
NSTM	
Chap 075, Threaded Fasteners	NAVSEA S9086-CJ-STM-000
Chap 078, Gaskets, Packings, and Seals	NAVSEA S9086-CM-STM-000
Chap 079, Vol 2, Damage Control - Practical Damage Control	NAVSEA S9086-CN-STM-020
Chap 079, Vol 3, Damage Control - Engineering Casualty Control	NAVSEA S9086-CN-STM-030
Chap 090, Inspections, Tests, Records, and Reports, Rev 1	NAVSEA S9086-CZ-STM-000
Chap 220, Vol 2, Boiler Water/Feedwater - Test and Treatment	NAVSEA S9086-GX-STM-020
Chap 221, Boilers	NAVSEA S9086-GY-STM-010
Chap 233, Diesel Engines	NAVSEA S9086-HB-STM-000
Chap 244, Bearings	NAVSEA S9086-HN-STM-000
Chap 245, Propellers	NAVSEA S9086-HP-STM-000
Chap 254, Condensers, Heat Exchangers, and Air Ejectors	NAVSEA S9086-HY-STM-000
Chap 262, Lubricating Oils, Greases, and Hydraulic Fluids and Lubrication Systems	NAVSEA S9086-H7-STM-010
Chap 503, Pumps	NAVSEA S9086-RH-STM-000

ENGINEMAN (EN)

REFERENCE TITLE	IDENTIFYING NUMBER
Chap 504, Pressure, Temperature, and Other Mechanical and Electromechanical Measuring Instruments	NAVSEA S9086-RJ-STM-000
Chap 505, Piping Systems	NAVSEA S9086-RK-STM-010
Chap 510, Ventilating, Heating, Cooling, and Air Conditioning Systems for Surface Ships	NAVSEA S9086-RQ-STM-010
Chap 516, Refrigeration Systems	NAVSEA S9086-RW-STM-010
Chap 531, Vol 1, Desalination, Low Pressure Distilling Plants	NAVSEA S9086-SC-STM-010
Chap 531, Vol 2, Desalination, Vapor Compression Distilling Plants	NAVSEA S9086-SC-STM-020
Chap 531, Vol 3, Desalination, Reverse Osmosis, Desalination Plants	NAVSEA S9086-SC-STM-030
Chap 533, Potable Water Systems	NAVSEA S9086-SE-STM-010
Chap 541, Petroleum Fuel Storage, Use, and Testing	NAVSEA S9086-SN-STM-000
Chap 551, Compressed Air Plants and Systems	NAVSEA S9086-SY-STM-010 (Rev 1)
Chap 555, Firefighting-Ship	NAVSEA S9086-S3-STM-010
Chap 556, Hydraulic Equipment (Power Transmission and Control)	NAVSEA S9086-S4-STM-000
Chap 562, Surface Ship Steering Systems	NAVSEA S9086-TA-STM-000
Chap 573, Booms	NAVSEA S9086-TM-STM-000
Chap 581, Anchors and Anchoring	NAVSEA S9086-TV-STM-000
Chap 584, Stern Gates, Ramps, Bow Doors, Turntables, and Water Barriers	NAVSEA S9086-TY-STM-000
Chap 670, Stowage, Handling, and Disposal of Hazardous General Use Consumables	NAVSEA S9086-WK-STM-010
Chap 9420, Propulsion Reduction Gears, Couplings, and Associated Components	NAVSEA 0901-LP-420-0002
Chap 9430, Shafting, Bearings, and Seals	NAVSEA 0901-LP-430-0012
Environmental and Natural Resources Protection Manual	OPNAVINST 5090.1
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat	OPNAVINST 5100.19
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4
Standard Organization and Regulations of the U.S. Navy	OPNAVINST 3120.32
Trend Analysis Handbook, Engine, Diesel, Over 400 BHP	NAVSEA 0910-LP-326-8200

ENGINEMAN (EN)

REFERENCE TITLE	IDENTIFYING NUMBER
Shipboard Heat Stress Control and Personnel Protection	OPNAVINST 5100.20
U.S. Navy Diesel Engine Inspector's Handbook, Part II	NAVSEA 0910-LP-118-1700
Engineer's Bell Book	NAVSHIPS 3120/1
U.S. Navy Oil Spill Containment and Clean-up Kit	NAVSEA 0994-LP-013-6010
EN2	
Naval Safety Supervisor	(TRAMAN-See NAVEDTRA 12061)
NSTM	
Chap 572, Shipboard Stores and Provision Handling	NAVSEA S9086-TL-STM-000
Chap 583, Boats and Small Craft	NAVSEA S9086-TX-STM-010
Chap 655, Laundry	NAVSEA S9086-V4-STM-000
Diesel Engine Inspector Hand Book, Part 1	NAVSEA 0910-LP-118-1600
EN1	
Full Power and Economy Trial Requirements for Non-nuclear Surface Ship Classes	OPNAVINST 9094.1
Quality Assurance Manual, developed in accordance with	SECNAVINST 4855.1
ENC	
Principles of Naval Engineering	(TRAMAN-See NAVEDTRA 12061)
NSTM	
Chap 094, Trials	NAVSEA S9086-C4-STM-000
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
Department of the Navy Directives Issuance System	SECNAVINST 5215.1

EQUIPMENT OPERATOR (EO)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
EO2	EO, Basic	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
EO2	SEABEE Combat Handbook, Vol. 1		
EO1	EO, Advanced		
EO1	NCF/SEABEE PO1		
EOC	NCF/SEABEE CPO		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
EO3	
EO, Basic	(TRAMAN--See NAVEDTRA 12061)
CM 3 & 2	(TRAMAN--See NAVEDTRA 12061)
EA 3	(TRAMAN--See NAVEDTRA 12061)
Blueprint Reading and Sketching	(TRAMAN--See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
Navy Driver's Handbook	NAVFAC MO-403
Testing and Licensing of Construction Equipment Operators	NAVFAC P-306
Naval Construction Force Equipment Management Manual	NAVFAC P-404
Management of Transportation Equipment	NAVFAC P-300
EO2	
Facilities Planning Guide, Vol. I	NAVFAC P-437
Facilities Planning Guide, Vol. II	NAVFAC P-437
SEABEE Planner's and Estimator's Handbook	NAVFAC P-405
The Metric System	(TRAMAN--See NAVEDTRA 12061)
Management of Weight Handling Equipment, Maintenance and Certification	NAVFAC P-307
Naval Mobile Construction Battalion Crewleader's Handbook	COMSECOND/COMTHIRDNCBINST 5200.X
Naval Safety Supervisor	(TRAMAN--See NAVEDTRA 12061)
Safety and Health Requirements Manual (U.S. Army Corps of Engineer)	EM-385-1-1
EO1	
Naval Mobile Construction Battalion Equipment Management	COMSECOND/COMTHIRDNCBINST 11200.1
Using Wire Rope Slings and Rigging Hardware in the Naval Construction Force (NCF)	COMSECOND/COMTHIRDNCBINST 11200.11
Personnel Readiness Capabilities Program, Vol. I	NAVFAC P-458
Personnel Readiness Capabilities Program, Vol. II	NAVFAC P-458
Inspection of Shore Facilities, Vol. I	NAVFAC MO-322
Organization and Functions for Public Works Departments	NAVFAC P-318
Naval Construction Force Manual	NAVFAC P-315
Facilities Management	NAVFAC MO-321
Construction Battalion Unit Handbook	NAVFAC P-314

EQUIPMENT OPERATOR (EO)

REFERENCE TITLE	IDENTIFYING NUMBER
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
Naval Construction Force Occupational Safety and Health Program Manual	COMSECOND/COMTHIRDNCBINST 5100.1
Mishap Investigation and Reporting	OPNAVINST 5102.1
EOC	
Solid Waste Disposal	DM-5.10
SEABEE Supply Manual	COMSECOND/COMTHIRDNCBINST 4400.3
Embarkation in U.S. Naval Ships	OPNAVINST 5720.2
Embarkation Manual	COMSECOND/COMTHIRDNCBINST 3120.1

ELECTRONICS TECHNICIAN (ET)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC
Requirements for ET (Submarine).

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
ET2	ET VOL 1-SAFETY	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
ET2	ET VOL 2-ADMINISTRATION		
ET2	ET VOL 4-RADAR SYSTEMS		
ET2	ET VOL 5-NAVIGATION SYSTEMS		
ET2	ET VOL 6-DIGITAL DATA SYSTEMS		
ET1	ET SUPERVISOR NRTC--ET SUPERVISOR, ET1		
ETC	ET SUPERVISOR NRTC--ET SUPERVISOR, ETC		

Table 2.—Professional References
Supporting Navywide Advancement Examinations
and PARS for ET (Submarine).

NOTE

THE REFERENCES FOR EACH RATE ARE NOT INTENDED
TO LIMIT YOUR STUDY, NOR IS THE LISTING ALL
INCLUSIVE OF THE AVAILABLE DOCUMENTATION.
HOWEVER, THE DOCUMENTS LISTED ARE SUPPLIED AS A
GUIDE FOR STUDY AND SHOULD BE USED AS APPLICABLE
TO YOUR SHIP'S CONFIGURATION.

REFERENCE TITLE	IDENTIFYING NUMBER
ET3(SUB)	
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
NEETS--Modules 1 through 24 (Choose appropriate module)	(TRAMAN--See NAVEDTRA 12061)
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4
EIMB, Test Equipment Handbook	NAVSEA SE000-00-EIM-040
EIMB, General Handbook	NAVSEA SE000-00-EIM-100
EIMB, Electronic Circuits Handbook	NAVSEA 0967-LP-000-0120
EIMB, Test Methods & Practices Handbook, Sec 2	NAVSEA 0967-LP-000-0130
EIMB, General Maintenance Handbook, Secs 3 and 4	NAVSEA SE000-00-EIM-160

ELECTRONICS TECHNICIAN (ET)

REFERENCE TITLE	IDENTIFYING NUMBER
EIMB, Installation Standards	NAVSEA 0967-LP-000-0110
EIMB, Reference Data	NAVSEA 0967-LP-000-0140
Maneuvering Board Manual	Pub 217 DMA NVPUB217
Radar Navigation Manual	Pub 1310 DMA NVPUB1310
BPS-15 Radar Set General Information, Operation, Functional Description	NAVSEA 0967-LP-585-7010 **Ships Service Manuals (SSMs)
SPA-25 Indicator Group Operation and Maintenance Manual	0967-LP-445-8010/8020 **Ships Service Manuals (SSMs)
WLR-8 Countermeasures Receiving Set VOLs 1 and 2	0967-LP-592-5010 0967-LP-592-5020 **Ships Service Manuals (SSMs)
Periscope and E&E Adapter Operation and Maintenance Procedure Manuals	S9425-AG-MMM-010 (Type 18) 0924-LP-065-4050 (Type 15/8L) **Ships Service Manuals (SSMs)
(IFF) AN/APX-72,AN/UPX-28	0967-LP-217-4010/4020 EE230-BT-OMI-010 **Ships Service Manuals (SSMs)
Inertial navigator description, operation and maintenance procedure manuals; applicable to class of ship (SINS,ESGM,ESGN, etc.)	TRIDENT I & II Subsystems Refer SSP Manual OD 43853 FOR UP-TO-DATE Ordering Information SE17A-AB-MMF-010/020 ESGN W/NAVSAT SE17A-AC-MMF-010/020 ESGN W/GPS 0924-LP-022-1000 SINS MK 3 MOD 6 **Ships Service Manuals (SSMs)
Inertial navigation subsystem description, operation and maintenance procedure manuals, including the Navigation Operation Procedures (NOPs for TRIDENT I and II S/Ss)	TRIDENT I & II Subsystems Refer SSP Manual OD 43853 FOR UP-TO-DATE Ordering Information **Ships Service Manuals (SSMs)
Electromagnetic Underwater Log System	SE178-AG-MMM-010/020 SE178-AL-MMM-010/020, 0965-102-2010 (TRIDENT I & II) **Ship's Service Manuals (SSMs)
Global Positioning System (GPS)/NAVSTAR GPS Operation and Maintenance Procedure Manuals	TRIDENT I & II Subsystems Refer SSP Manual OD 43853 FOR UP-TO-DATE Ordering Information EE170-AA-OMI-010/020 **Ship's Service Manuals (SSMs)

ELECTRONICS TECHNICIAN (ET)

REFERENCE TITLE	IDENTIFYING NUMBER
IC ELECTRICIAN 3	SEE NAVEDTRA 12061 **Ship's Service Manuals (SSMs)
IC ELECTRICIAN VOL 2	SEE NAVEDTRA 12061 **Ship's Service Manuals (SSMs)
Standard Submarine Navigation Department Organization and Regulations Manual (NORM)	COMSUBLANT/COMSUBPACINST 5400.28 series
Nuclear Weapons Manual	COMSUBLANT/COMSUBPACINST C8120.1
Military Handbook, Encoders	MIL-HDBK-231A
Military Handbook, Applications of Electrical Resolvers	MIL-HDBK-218
Military Handbook, Synchros	MIL-HDBK-225A (Mar 91)
Afloat Supply Procedures	NAVSUP P-485
Communication Security Material Manual	CMS 1
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1H
ET2(SUB)	
Submarine Force Quality Assurance Manual	COMSUBLANT/COMSUBPACINST 4855.2 series
COSAL Use and Maintenance Manual	SPCCINST 4441.170
EIMB, Radar Handbook	NAVSEA 0967-LP-000-0020
EIMB, Test Methods & Practices Handbook, Sec 3	NAVSEA 0967-LP-000-0130
Inertial navigator corrective maintenance procedure manuals, applicable to class of ship (SINS,ESGM,ESGN etc.)	TRIDENT I & II Subsystems Refer SSP Manual OD 43853 FOR UP-TO-DATE Ordering Information SE17A-AB-MMF-010/020 ESGN W/NAVSAT SE17A-AC-MMF-010/020 ESGN W/GPS 0924-LP-022-1000 SINS MK 3 MOD 6 **Ship's Service Manuals (SSMs)
Inertial navigation subsystem corrective maintenance procedure manuals, including the Navigation Operation Procedures (NOP's for TRIDENT I and II S/Ss)	TRIDENT I & II Subsystems Refer SSP Manual OD 43853 FOR UP-TO-DATE Ordering Information SE17A-AB-MMF-010/020 ESGN W/NAVSAT SE17A-AC-MMF-010/020 ESGN W/GPS 0924-LP-022-1000 SINS MK 3 MOD 6 **Ship's Service Manuals (SSMs)

ELECTRONICS TECHNICIAN (ET)

REFERENCE TITLE	IDENTIFYING NUMBER
BPS 15 RADAR SET Corrective Maintenance Manual	NAVSEA 0967-LP-585-7020 **Ship's Service Manuals (SSMs)
WLR-8 Countermeasures Receiving Set Corrective Maintenance Manual	0967-LP-592-5030 **Ship's Service Manuals (SSMs)
WLR-8 Operating Guidelines	NWP-77-4/77-8 NWP-77A
Periscope and E&E Adapter Troubleshooting and Corrective Maintenance Procedure Manuals	S9425-AG-MMM-020/040 (Type 18) 0924-LP-065-4050 (Type 15/8L) **Ship's Service Manuals (SSMs)
Type-18 Periscope System Operating Guidelines	NWP-77-2
IFF MODE 4 Handbook	DOD-AIMS-86-100
Metrology Automated System for Uniform Recall and Reporting (MEASURE)	OPNAV 43P6
ET1(SUB)	
Shipboard Electronics Material Officer	(TRAMAN--See NAVEDTRA 12061)
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1H
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4
Naval Safety Supervisor	(TRAMAN--See NAVEDTRA 12061)
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
Dutton's Navigation and Piloting	U.S. Naval Institute Press, Annapolis
ETC(SUB)	
Electromagnetic Radiation Hazards, VOL I	NAVSEA OP 3565/NAVAIR 16-1-529/NAVELEX 0967-LP-624-6010
Electromagnetic Radiation Hazards, VOL II (all parts)	NAVSEA OP 3565/NAVAIR 16-1-529/NAVELEX 0967-LP-624-6010
Afloat Safety Program	OPNAVINST 5100.21A

****688 AND 726 CLASS SUBMARINES USE SHIP'S SERVICE MANUALS (SSM'S). ALL OTHER CLASS SHIPS SHOULD REFER TO THE APPROPRIATE OPERATING PROCEDURES ASSOCIATED WITH SAID EQUIPMENTS.**

ELECTRONICS TECHNICIAN (ET)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC
Requirements for ET (Surface).

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
ET2	ET VOL 1-SAFETY	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
ET2	ET VOL 2-ADMINISTRATION		
ET2	ET VOL 4-RADAR SYSTEMS		
ET2	ET VOL 5-NAVIGATION SYSTEMS		
ET2	ET VOL 6-DIGITAL DATA SYSTEMS		
ET1	ET SUPERVISOR NRTC--ET SUPERVISOR, ET1		
ETC	ET SUPERVISOR NRTC--ET SUPERVISOR, ETC		

Table 2.—Professional References Supporting
Navywide Advancement Examinations and PARS for ET (Surface).

NOTE

THE REFERENCES FOR EACH RATE ARE NOT INTENDED TO LIMIT YOUR STUDY, NOR IS THE LISTING ALL INCLUSIVE OF THE AVAILABLE DOCUMENTATION. HOWEVER, THE DOCUMENTS LISTED ARE SUPPLIED AS A GUIDE FOR STUDY AND SHOULD BE USED AS APPLICABLE TO YOUR SHIP'S CONFIGURATION.

REFERENCE TITLE	IDENTIFYING NUMBER
ET3(SURF)	
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
NEETS--Modules 1 through 24 (Choose appropriate module)	(TRAMAN--See NAVEDTRA 12061)
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4
EIMB, Test Equipment Handbook	NAVSEA SE000-00-EIM-040
EIMB, General Handbook	NAVSEA SE000-00-EIM-100
EIMB, Electronic Circuits Handbook	NAVSEA 0967-LP-000-0120
EIMB, Test Methods & Practices Handbook, Sec 2	NAVSEA 0967-LP-000-0130
EIMB, General Maintenance Handbook, Secs 3 and 4	NAVSEA SE000-00-EIM-160
EIMB, Installation Standards	NAVSEA 0967-LP-000-0110
EIMB, Reference Data	NAVSEA 0967-LP-000-0140
Military Handbook, Synchronos	MIL-HDBK-225A (Mar 91)

ELECTRONICS TECHNICIAN (ET)

REFERENCE TITLE	IDENTIFYING NUMBER
ET2(SURF)	
COSAL Use and Maintenance Manual	SPCCINST 4441.170
EIMB, Communications Handbook	NAVSEA SE000-00-EIM-010
EIMB, Radar Handbook	NAVSEA 0967-LP-000-0020
Technicians Handbook, Basic Liquid Cooling Systems for Shipboard Electronics	NAVSEA 0948-LP-122-8010
EIMB, Test Methods & Practices Handbook, Sec 3	NAVSEA 0967-LP-000-0130
Shipboard Electronics Material Officer	(TRAMAN--See NAVEDTRA 12061)
ET1(SURF)	
Shipboard Antenna Systems, Vol 1	NAVSHIPS 0967-177-3010
Shipboard Antenna Systems, Vol 2	NAVSHIPS 0967-177-3020
Shipboard Antenna Systems, Vol 3	NAVSHIPS 0967-177-3030
Shipboard Antenna Systems, Vol 4	NAVSHIPS 0967-177-3040
Shipboard Antenna Systems, Vol 5	SPAWAR 0967-LP-177-3050
Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Ship Configuration and Logistics Support Information System	S0752-AA-SPN-010/SCLISIS
ETC(SURF)	
Metrology Automated System for Uniform Recall and Reporting (MEASURE) Users Manual	OPNAV 43P6
Stowage Guide for Portable Test Equipment	NAVSEA ST000-AB-GYD-0101 PEETE

ELECTRONICS WARFARE TECHNICIAN (EW)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
EW3 & EW2	EW 3&2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
EW1 & EWC	EW 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
EW3	
Electronic Warfare Coordination	NWP 10-1-40
Tactical Action Officer Handbook	NWP 12-5 (Rev H)
Naval Warfare Documentation Guide	NWP 0 (Rev P)
Department of the Navy Directives Issuance System	SECNAVINST 5215.1C
Communication Instructions Radiotelephone Procedure	ACP 125 (Rev E)
Operational Brevity Codes	ACP 165 (Rev E)
ELINT Parameter Limits (EPL) List, NSA/CSS	
Applicable Technical Manuals	
COSAL Use and Maintenance Manual	SPCCINST 4441.170A
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4B
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1H
Ship Configuration and Logistics Support Information System	S0752-AA-SPN-010/SCLISIS (Rev F)
Allied Maritime Voice Reporting Procedures	App 1 (Rev A)
Employment Threat Reference Guide and Countertactics	MCM 3-1, Vol II
NEETS, Mods 1-22	
EW2	
Applicable OPORD, OPLAN	
Handbook of Atlantic Fleet Electronic Warfare Equipment Configuration	CINCLANTFLT/CINCUSNAVEURINST 3430.6
U.S. Friendly/Neutral Country Electronic Equipment Reference Manual	PER-1
Antiair Warfare (AAW) Exercises	FXP 2 (Rev K)

ELECTRONICS WARFARE TECHNICIAN (EW)

REFERENCE TITLE	IDENTIFYING NUMBER
Strike Warfare (STW), Antisurface Ship Warfare (ASU), Intelligence (INT), Electronic Warfare (ELW), and Command, Control, and Communications (CCC) Exercises	FXP 3 (Rev F)
EIMB Test Equipment	NAVSEA 0967-LP-000-040
EIMB General Handbook	NAVSEA 0967-LP-000-0100
EIMB Electronic Circuits	NAVSEA 0967-LP-000-0120
EIMB Test Methods and Practices	NAVSEA 0967-LP-000-0130
EIMB General Maintenance	NAVSEA 0967-LP-000-0160
Liquid Cooling Systems for Electronic Equipment, NSTM,	NAVSEA S9086-SD-STM-000, Chap 532
Metrology Automated System for Uniform Recall and Reporting (MEASURE) Users Manual	OPNAV 43P6
Allied Maritime Tactical Instructions and Procedures	ATP 1, Vol 1 and Vol II (Rev C)
Applicable TACMEMOs and TACNOTES	
EW1	
Maritime Electronic Warfare Instructions	ACP 178 (Rev B)
Navy Operational Deception and Counterdeception	NWP 10-1-41
Operational Reports	NWP 10-1-10 (Rev A)
Characteristics and Capabilities of U.S. Navy Weapons, Sensors, and Communications Systems	NWP 11-4 (Rev A)
EWC	
Maritime Reporting System	NWP 10-1-12 (Rev B)
Joint Reporting System	NWP 10-1-13 (Supp 1)
Joint Reporting System	NWP 10-1-13 (Supp 6)
EIMB Installation Standards	NAVSEA 0967-LP-000-0110
Enlisted Distribution and Verification Report (EDVR); Format and Procedures for Validation of	NAVMILPERSCOMINST 1080.52
Naval Operational Planning	NWP 11 (Rev F)
Surface Ship Over-the-Horizon Targeting (OTHT) Systems and Tactics	NWP 64-1
SH60B/LAMPS Mk III Tactical Manual	NWP 67-3
Target Motion Analysis (TMA) Techniques	NWP-71-1-1
Allied Maritime Structured Messages	APP-4 (Rev A) Vol I and II
Joint Reporting System (Flag/OTC Reports)	NWP 10-1-13 (Supp 3)
Command and Control	NWP 8 (Rev B)
Electromagnetic Compatibility Criteria for Surface Weapon System	NAVSEA T9407-AA-GYD-0101 (C), OP-3840
Effective use of the Electromagnetic Products of TESS and IREPs	Technical Document 1369

ELECTRONICS WARFARE TECHNICIAN (EW)

REFERENCE TITLE	IDENTIFYING NUMBER
The Electronic Material Officer's Guide to Shipboard Electromagnetic Interference Control, Revised July 1983	
Composite Warfare Commander's Manual	NWP 10-1

FIRE CONTROLMAN (FC)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
FC3	FC3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
FC2	FC2		
FC1	FC1		
FCC	FCC		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
FC3	
Ammunition Afloat	NAVSEA OP 4
Basic Liquid Cooling Systems for Shipboard Electronics, Chaps 1 through 3	NAVSEA 0948-LP-122-8010
Basic Machines, Chaps 1 through 3, 6, 8 through 11, and 15	(TRAMAN--See NAVEDTRA 12061)
Cable and Connector Repair	NAVSEA OD 45879
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
EIMB, Electronic Circuits Handbook	NAVSEA 0967-LP-000-0120
EIMB, General Handbook	NAVSEA SE000-00-EIM-100
EIMB, General Maintenance Handbook	NAVSEA SE000-00-EIM-160
EIMB, Test Equipment Handbook	NAVSEA SE000-00-EIM-040
EIMB, Test Methods and Practices Handbook	NAVSEA 0967-LP-000-0130
Fluid Power	(TRAMAN--See NAVEDTRA 12061)
Identification of Ammunition	NAVSEA SW010-AF-ORD-010
Magazine Sprinkler Systems	NAVSEA S9522-AA-HBK-010
MIL-STD-2000A Standard Requirements for Soldered Electrical and Electronic Assemblies, 14 Feb 91	
Navy Safety Precautions for Forces Afloat, Chaps 5 and 10	OPNAVINST 5100.19B
NEETS, Mods 1 through 19, 21 and 22 (Choose appropriate module)	(TRAMAN--See NAVEDTRA 12061)
NSTM, Chap 532, Liquid Cooling Systems for Electronic Equipment	NAVSEA S9086-SD-STM-000
OS3	(TRAMAN--See NAVEDTRA 12061)
Principles of Naval Ordnance and Gunnery, Chaps 1, 3, 6 through 8, and 10	(TRAMAN--See NAVEDTRA 12061)
5" 54 Range Tables	SW323-AF-ORD-010 (OP1182)

FIRE CONTROLMAN (FC)

REFERENCE TITLE	IDENTIFYING NUMBER
Ships' Maintenance and Material Management (3-M) Manual, Chaps 5 and 9	OPNAVINST 4790.4B
Theory of Combat System Alignment	SW225-AO-MMA-010/OP 762 Align Theory
USN Ordnance Safety Precautions	NAVSEA OP 3347
Use and Care Of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
FC2	
Clearing of Live Ammunition from Guns	NAVSEA SW300-BC-SAF-010
Electromatic Interference Reduction	NAVSEA 0967-LP-000-0150
Electromagnetic Radiation Hazards, Vol 1	NAVSEA OP 3565/NAVAIR 16-1-529/NAVELEX 0967-LP-624-6010
Electromatic Radiation Hazards, Vol 2 (all parts)	NAVSEA OP 3565/NAVAIR 16-1-529/NAVELEX 0967-LP-624-6010
Naval Ships' Technical Manual, Chap 700, Shipboard Ammunition Handling and Stowage	NAVSEA S9086-XG-STM-010
Ship Configuration and Logistics Support Information System	Technical Specification 9090-700A, S0752-AA-SPN 010/SCLIS REV 2
Supply Management of Ammunition	SPCCINST 8010.12D
FC1	
Combat Systems and Weapons Department Management	(TRAMAN--See NAVEDTRA 12061)
OS 1&C, Chap 2	(TRAMAN--See NAVEDTRA 12061)
FCC	
Shipboard Electronics Material Officer	(TRAMAN--See NAVEDTRA 12061)
Ships' Maintenance and Material Management (3-M) Manual, Chaps 1 through 4, 6 through 8, and 10 through 13	OPNAVINST 4790.4
Standard Organization and Regulations of the U.S. Navy	OPNAVINST 3120.32

FIRE CONTROL TECHNICIAN (FT)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
FT3	FTG 3&2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
FT2	FTG 3&2		
FT1	FT 1&C		
FTC	FT 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
FT3	
Firing Craft Operating Procedures and Checklists for MK 117, CCS MK 1, CCS Mk 2, AN/BSY-1, and DWS/CS Mk 118	NAVSEA OD 44979 (Series)
Torpedo Mk 48 Fleet Peacetime Firing Policy	OPNAVINST C8510.13
Operating guidelines for submarine fire control systems as established in Naval Warfare Publications (NWP) and Tactical Memorandums (TACMEMOs)	
Technical Manual for Computer Set AN/UYK-7(V)	SE610-AW-MMA-010
NAVSEA Ship Systems Manuals (SSMs) for submarine fire control systems and supporting computer systems	
Submarine Force Nuclear Weapons Manual	COMSUBLANT/COMSUBPACINST 8120.2
Navy Nuclear Weapons Security Manual	OPNAVINST C8126.1
Nuclear Weapons Radiological Controls Program	NAVSEA TW120-AA-PRO-010
Submarine Force Conventional Weapons Manual	COMSUBLANT/COMSUBPACINST C8500.4
Programmed Operational and Functional Appraisal (POFA) manuals for submarine fire control systems and supporting computer systems	
3-M Systems maintenance requirement cards established for submarine fire control systems and supporting computer systems	
FCS Mk 117 System Level Error Detection (SLED) guides and applicable description, operation, and maintenance manuals	
CCS MK 1 and AN/BSY-1 System Level Technical Manuals (SLTMs) and applicable description, operation, and maintenance manuals	
SSBN 726 Class Ship Systems Manual--Defensive Weapon Subsystem/Command Subsystem	NAVSEA S9SSB-X9-SSM-04
SSBN 726 Class Ship Systems Manual--Data Processing Subsystem	NAVSEA S9SSB-X9-SSM-10

FIRE CONTROL TECHNICIAN (FT)

REFERENCE TITLE	IDENTIFYING NUMBER
Submarine Onboard Training (SOBT) Program Library--SOBT Executive Summary	
Total Combat System Information Newsletter (TOCSIN)	NAVSEA PMS409 publication
Description, Operation, and Maintenance of Bearing Transmitter MK 17 Mods 8-11	NAVSEA OP 3412
AN/PDR-73 (Tritium Air Monitor)	NAVSEA EE730-HA-OMI-010
OTTO Fuel Vapor Detector Mk 15 Mod 0	NAVSEA S6340-AF-MMO-010
EIMB, Test Equipment Handbook	NAVSEA SE000-00-EIM-040
EIMB, General Handbook	NAVSEA SE000-00-EIM-100
EIMB, Test Methods & Practices Handbook	NAVSEA 0967-LP-000-0130
EIMB, General Maintenance Handbook--Sec 3	NAVSEA SE000-00-EIM-160
Basic Liquid Cooling Systems for Shipboard Electronics	NAVSEA 0948-LP-122-8010
NSTM chapter 532, Liquid Cooling Systems for Electronic Equipment	NAVSEA S9086-SD-STM-000
Ammunition Afloat	NAVSEA OP 4
Afloat Supply Procedures	NAVSUP P-485
Wire Wrap Procedures	NAVSEA OD 23446
Blueprint Reading & Sketching	(TRAMAN--See NAVEDTRA 12061)
Uses and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
Guide for User Maintenance of NAVSEA Technical Manuals	S0005-AA-GYD-030
Applicable Description, Operation, and Maintenance Manuals for Plotter Mk 19	
Submarine Force Maintenance Manual	COMSUBLANT/COMSUBPACINST 4790.4
NEETS--Modules 1 through 4, 14 through 16, and 19 (Choose appropriate module)	(TRAMAN--See NAVEDTRA 12061)
Target Motion Analysis Techniques	NWP 71-1-1
Technical Manual for Computer Set AN/UYK-43(V)	SE610-NV-MMO-010
Technical Manual for Data Processing Set AN/UYK-44(V)	SE610-PV-MMO-010
Towed Array Target Motion Analysis (TMA) Techniques	NWP 71-1-2
Standard Combat Systems Department Organization and Regulations Manual (CSORM)	COMSUBLANT/COMSUBPACINST 5400.40
FT2	
Combat Systems Evolution Plan	NAVSEA 0967-LP-027-4190
Ship Configuration and Logistics Support Information System	S0752-AA-SPN-010
Engineering Information Bulletins (EIB)/Engineering Change Proposals (ECP)/Field Change	

FIRE CONTROL TECHNICIAN (FT)

REFERENCE TITLE	IDENTIFYING NUMBER
Kits/ORDALT Kits	
Standard Organization and Regulations of the U.S. Navy	OPNAVINST 3120.32
EIMB, Electronic Circuits Handbook--Chaps 1 through 4	NAVSEA 0967-LP-000-0120
EIMB, General Maintenance Handbook--Chap 7	NAVSEA SE000-00-EIM-160
Navy Occupational and Safety (NAVOSH) Program Manual for Forces Afloat	OPNAVINST 5100.19
Cable and Connector Repair	NAVSEA OD 45879
NEETS--Modules 5, 13, and 22 (Choose appropriate module)	(TRAMAN--See NAVEDTRA 12061)
Consolidated Hazardous Item List (CHIL)	NAVSUP PUB 4500
Health Hazards of OTTO FUEL II	NAVMEDCOMINST 6270.1
CCS Mk 1 (C1) Operating Guidelines	TM FZ1461-1-84
Mk 117 FCS, CCS Mk 1 Mod 1/2/3 (C4.1 and C4.2) Operating Guidelines	TM FZ1461-5-91
CCS Mk 1 OTH-T (Program 3.0) Operating Guidelines	NWP 71-7-3
Mk 118 DWS/CS (5.0) Operating Guidelines	NWP 71-6-1
Mk 118 DWS/CS (4.2) Operating Guidelines	NWP 71-6-2
ADCAP Acoustic Presets	TM FZ1460-2-85
Submarine Approach and Attack Manual	NWP 71 (B)
Submarine Torpedo Reference Manual, MK 48 Torpedo	NWP 72-1-1
Submarine Cruise Missile Manual	NWP 72-2
Submarine Torpedo Reference Manual ADCAP, COMSUBDEVRON TWELVE	TM FZ1460-2-86
Over-the-Horizon Targeting (OTH-T) Techniques, COMSUBDEVRON TWELVE	TM UT4061-2-87
Submarine Software Program Trouble Report (PTR) Procedures/ Instructions, First Revision	NAVSEA 0967-LP-011-0210
Trident Command and Control System Problem Reporting (TCPR) System	NAVSEA T9410-AB-PRO-020
Submarine Electronic/Optic Sensor Employment Manual	NWP 77(A)
Data Systems Technician Training Series Volume 2-Computer Fundamentals and Interfacing	(TRAMAN--See NAVEDTRA 12061)

FIRE CONTROL TECHNICIAN (FT)

REFERENCE TITLE	IDENTIFYING NUMBER
FT1	
Submarine Force Quality Assurance Manual	COMSUBLANT/COMSUBPACINST 4855.2
COMSUBLANT/COMSUBPAC Training Manual	COMSUBLANT/COMSUBPACINST C3500.1
Naval Warfare Publication NWP 10-1-10, Operational Reports--Chap 4	
Division Officer's Guide (9th edition), John V. Noel, Jr., Naval Institute Press, Annapolis, MD--Chaps 2 through 8, and 10	
Combat Systems and Weapons Department Management	(TRAMAN--See NAVEDTRA 12061)
Nuclear Weapons Personnel Reliability Program	OPNAVINST 5510.162
Link 11/TADIL A Standard Operating Procedures Operators Manual	OPNAVINST C3120.39
NO ADDITIONAL BIBLIOGRAPHY FOR FTC	

GUNNER'S MATE, GUNS (GMG)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
GMG3	GMG 3&2 TRAMAN GMG 3&2 NRTC	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
GMG2			
GMG1	GMG 1 TRAMAN GMG 1 NRTC		
GMC	GMC TRAMAN GMC NRTC		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
GMG3	
Ammunition Afloat, Chap 3	NAVSEA OP 4
Automatic Gun, 25-MM, M242, Description, Operation, Maintenance and IPB, Chaps 1 through 4	SW 360-AB-MMO-010
Basic Machines, Chaps 1, 4 through 6, and 9 through 11	(TRAMAN--See NAVEDTRA 12061)
Blueprint Reading & Sketching, Chaps 1, 2, and 4 through 7	(TRAMAN--See NAVEDTRA 12061)
Clearing of Live Ammunition from Guns	NAVSEA SW300-BC-SAF-010
Fluid Power	(TRAMAN--See NAVEDTRA 12061)
Grenade Launcher, 40-MM, M79, Operator's Manual	TM9-1010-205-10
Grenade Launcher, 40-MM, M203, Operator's Manual	TM9-1010-221-10
Gun Mount, 5-Inch, 54 Caliber, Mark 42 Mod 9, Description, Operation, and Maintenance, Vol 1--Chap 1	NAVSEA OP 3851
Gun Mount, 5-Inch, 54 Caliber, Mark 42 Mod 10, Description, Operation, and Maintenance, Vol 1--Chap 1	NAVSEA OP 3713
Gun Mount, 5-Inch, 54 Caliber, Mark 45 Mod 1, Description, Operation, and Maintenance, Chap 1	SW323-D1-MMO-010/GM
Gun Mount, 76-MM, 62-Caliber, Mark 75, Mods 0 and 1, Description and Operation, Chap 1	SW314-AO-MMM-010
Identification of Ammunition	NAVSEA SW010-AF-ORD-010
Machine Gun, 7.62-MM, M60 and M60D, Operator's Manual	TM9-1005-224-10
Machine Gun, 40MM, MK19, MOD3, Operator's Manual	SW363-C3-MMM-010
Machine Gun, Caliber .50 Browning, M2, Heavy Barrel, Operator's Manual	TM9-1005-213-10
Magazine Sprinkling Systems	S9522-AA-HBK-010
Military Shotgun, 12 Gauge, Pump Action, Model 870 With Adapter	TO 11W3-6-2-1
Navy Gun Ammunition	NAVSEA SW030-AA-MMO-010
Navy Safety Precautions for Forces Afloat	OPNAVINST 5100.19
Navy Electricity and Electronics Training Series, (NEETS) Mods 1 through 8, 13 through 16, and 19 through 21	(TRAMAN--See NAVEDTRA 12061)
Pistol, Caliber .45, Automatic, M1911A1	TM9-1005-211-12
Revolver, Caliber .38 Special: Smith and Wesson Military and Police, M10	TM9-1005-206-14
Rifle, 5.56-MM, M16 and M16A1, Operator's Manual	TM9-1005-249-10
Rifle, 7.62-MM, M14 and M14A1, Operator's Manual	TM9-1005-223-10

GUNNER'S MATE, GUNS (GMG)

Ships' Maintenance and Material Management (3-M) Manual, Chaps 1, 2, 5, and 9	OPNAVINST 4790.4
Theory of Combat System Alignment	SW-225-AO-MMA-010/ OP 762 Align Theory
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
GMG2	
Ammunition Afloat, Chap 2	NAVSEA OP 4
Ammunition and Explosives Ashore, Volume 1	NAVSEA OP 5
Ships' Maintenance and Material Management (3-M) Manual, Chap 12	OPNAVINST 4790.4
Pyrotechnic, Screening, Marking, and Countermeasure Devices, Volume 1	NAVSEA SW050-AB-MMA-010
USN Ordnance Safety Precautions, Chaps 1 through 3	NAVSEA OP3347
Handling Ammunition, Explosives, and Hazardous Materials with Industrial Materials Handling Equipment (MHE)	NAVSEA OP 4098
Approved Handling Equipment for Weapons and Explosives, Vol 1 & 2	NAVSEA OP 2173
GMG1	
Ammunition Afloat, Chaps 1, and 4 through 7	NAVSEA OP 4
Naval Ordnance Quality Assurance Procedures for Fleet Activities	NAVSEA QAP 100
Naval Safety Supervisor	(TRAMAN--See NAVEDTRA 12061)
Naval Ships' Technical Manual, Chap 613, Wire and Fiber Rope and Rigging	NAVSEA S9086-UU-STM-010
Naval Ships' Technical Manual, Chap 700, Shipboard Ammunition Handling and Stowage	NAVSEA S9086-XG-STM-010
Principles of Naval Ordnance and Gunnery	(TRAMAN--See NAVEDTRA 12061)
Ships' Maintenance and Material Management (3-M) Manual, Chaps 3, 4, 6, and 13	OPNAVINST 4790.4
Supply Management of Ammunition, Chap 12	SPCCINST 8010.12
GMGC	
Navy Nuclear Weapons Security Manual	OPNAVINST C8126.1
Navy Transportation Handbook, Volume 1	NAVSEA OP 2165
Nuclear Weapons Management Manual, Chaps 8, 9, & 10	COMNAVSURFLANTINST C8120.1
Nuclear Weapons Management Manual, Chaps 8, 9 & 10	COMNAVSURFPACINST C8120.1
Ships' Maintenance and Material Management (3-M) Manual, Chaps 7, 8, 11, and 14	OPNAVINST 4790.4
Supply Management of Ammunition, Chaps 4 and 8	SPCCINST 8010.12

GUNNER'S MATE, MISSILES (GMM)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
GMM3 GMM2	GMM 3&2, VOL1 TRAMAN/NRTC	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
GMM3 GMM2	GMM 3&2, VOL2 TRAMAN/NRTC		
GMM1	GMM1 TRAMAN GMM1 NRTC		
GMC	GMC TRAMAN GMC NRTC		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
GMM3	
Ammunition Afloat, Chap 3	NAVSEA OP 4
ASROC Missile: Description and Instructions for Assembly, Inspection and Storage	OP 2693
Basic Machines, Chaps 1, 4-6 and 9-11	(TRAMAN--See NAVEDTRA 12061)
Blueprint Reading & Sketching, Chaps 1, 2 and 4-7	(TRAMAN--See NAVEDTRA 12061)
Demolition Materials, Chaps 1, 3, 5, 8, 9 and 11	NAVSEA SW060-AA-MMA-010
Fluid Power	(TRAMAN--See NAVEDTRA 12061)
Identification of Ammunition	NAVSEA SW010-AF-ORD-010
Magazine Sprinkling Systems	S9522-AA-HBK-010
Navy Gun Ammunition	NAVSEA SW030-AA-MMO-010
Navy Occupational and Safety (NAVOSH) Program Manual for Forces Afloat	OPNAVINST 5100.19
NEETS, Mods 1-8, 13-16 and 19-21	(TRAMAN--See NAVEDTRA 12061)
Nuclear Weapons Management Manual, Chaps 7 and 9	COMNAVSURFLANTINST C8120.1
Nuclear Weapons Management Manual, Chaps 7 and 9	COMNAVSURFPACINST C8120.1
Rifles and Rifle Marksmanship, M14 and M14A1	FM 23-8
Ships' Maintenance and Material Management (3-M) Manual, Chaps 1, 2, 5 and 9	OPNAVINST 4790.4
Theory of Combat Systems Alignment	SW225-AO-MMA-010/OP 762 Align Theory
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
USN Ordnance Safety Precautions, Chaps 1-3	NAVSEA OP 3347
Guided Missile Launching System Mk 13 Mod 4, Vol 1, Parts 1 & 2	NAVSEA OP 4470
Guided Missile Launching System Mk 26 Mods 0, 1, and 2, Vol 1, Part 3	NAVSEA OP 4104
Vertical Launching System Mk 41 Mods 0, 1, and 2	SW394-AF-MMO-020/VLS
GMM2	
Ammunition Afloat, Chap 2	NAVSEA OP 4
Ammunition and Explosives Ashore, Vol 1	NAVSEA OP 5
Ammunition and Explosives Ashore, Vol 2	NAVSEA OP 5
Nuclear Weapons Management Manual, Chap 6	COMNAVSURFLANTINST C8120.1

GUNNER'S MATE, MISSILES (GMM)

REFERENCE TITLE	IDENTIFYING NUMBER
Pyrotechnic, Screening, Marking and Countermeasure Devices	NAVSEA SW050-AB-MMA-010
Quality Assurance Test and Inspection Plan for Intermediate Maintenance ASROC Missile	NAVSEA QA TIP 403
Ships' Maintenance and Material Management (3-M) Manual, Chap 12	OPNAVINST 4790.4
GMM1	
Ammunition Afloat, Chaps 1 and 4-7	NAVSEA OP 4
Naval Ordnance Quality Assurance Procedures for Fleet Activities	NAVSEA QAP 100
Naval Safety Supervisor	(TRAMAN--See NAVEDTRA 12061)
Naval Ships' Technical Manual, Chap 613, Wire and Fiber Rope and Rigging	NAVSEA S9086-UU-STM-010
Naval Ships' Technical Manual, Chap 700, Shipboard Ammunition Handling and Stowage	NAVSEA S9086-XG-STM-010
Nuclear Weapons Management Manual, Chaps 4, 5 and 7	COMNAVSURFLANTINST C8120.1
Nuclear Weapons Management Manual, Chaps 4, 5 and 7	COMNAVSURFPACINST C8120.1
Principles of Naval Ordnance and Gunnery	(TRAMAN--See NAVEDTRA 12061)
Ships' Maintenance and Material Management (3-M) Manual, Chaps 3, 4, 6 and 13	OPNAVINST 4790.4
Supply Management of Ammunition, Chap 12	SPCCINST 8010.12
GMMC	
Navy Nuclear Weapons Security Manual	OPNAVINST C8126.1
Navy Transportation Handbook, VOL. 1	NAVSEA OP 2165
Nuclear Weapons Management Manual, Chaps 8, 9 and 10	COMNAVSURFLANTINST C8120.1
Nuclear Weapons Management Manual, Chaps 8, 9 and 10	COMNAVSURFPACINST C8120.1
Ships' Maintenance and Material Management (3-M) Manual, Chaps 7, 8, 11 and 14	OPNAVINST 4790.4
Supply Management of Ammunition, Chaps 4 and 8	SPCCINST 8010.12

GAS TURBINE SYSTEMS TECHNICIAN (GSE)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
GSE3	GSE3/GSM3, Vol 1	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
GSE3	GSE3/GSM3, Vol 2		
GSE2	GSE2		
GSE1	GS Supervisor		
GSE1	Engineering Administration		
GSEC	GS Supervisor		
GSEC	Engineering Administration		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
GSE3	
Basic Machines	(TRAMAN-See NAVEDTRA 12061)
Blueprint Reading and Sketching	(TRAMAN-See NAVEDTRA 12061)
BT 3&2	(TRAMAN-See NAVEDTRA 12061)
EM 3&2	(TRAMAN-See NAVEDTRA 12061)
EN3	(TRAMAN-See NAVEDTRA 12061)
Fluid Power	(TRAMAN-See NAVEDTRA 12061)
MM 3&2	(TRAMAN-See NAVEDTRA 12061)
SK 3&2	(TRAMAN-See NAVEDTRA 12061)
Introduction to 3-M Systems	(TRAMAN-See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Tools	(TRAMAN-See NAVEDTRA 12061)
NEETS	
Module 1, Introduction to Matter, Energy, and Direct Current	(TRAMAN-See NAVEDTRA 12061)
Module 2, Introduction to Alternating Current and Transformers	(TRAMAN-See NAVEDTRA 12061)
Module 3, Circuit Protection, Control, and Measurement	(TRAMAN-See NAVEDTRA 12061)
Module 4, Introduction to Electrical Conductors, Wiring Techniques, and Schematic Reading	(TRAMAN-See NAVEDTRA 12061)
Module 5, Introduction to Generators and Motors	(TRAMAN-See NAVEDTRA 12061)
Module 6, Introduction to Electronic Emission, Tubes, and Power Supplies	(TRAMAN-See NAVEDTRA 12061)
Module 7, Introduction to Solid-State Devices and Power Supplies	(TRAMAN-See NAVEDTRA 12061)
Module 8, Introduction to Amplifiers	(TRAMAN-See NAVEDTRA 12061)
Module 9, Introduction to Wave-Generation and Wave-Shaping Circuits	(TRAMAN-See NAVEDTRA 12061)

GAS TURBINE SYSTEMS TECHNICIAN (GSE)

REFERENCE TITLE	IDENTIFYING NUMBER
Module 13, Introduction to Number Systems and Logic Circuits	(TRAMAN-See NAVEDTRA 12061)
Module 14, Microelectronics	(TRAMAN-See NAVEDTRA 12061)
Module 16, Introduction to Test Equipment	(TRAMAN-See NAVEDTRA 12061)
Module 19, The Technician's Handbook	(TRAMAN-See NAVEDTRA 12061)
Module 20, Master Glossary and Index	(TRAMAN-See NAVEDTRA 12061)
Module 21, Test Methods and Practices	(TRAMAN-See NAVEDTRA 12061)
Module 22, Introduction to Digital Computers	(TRAMAN-See NAVEDTRA 12061)
Guide for User Maintenance of NAVSEA Technical Manuals	NAVSEA S0005-AA-GYD-030 TMMP
NSTM	
Chap 001, General - Publication Index and User Guide	NAVSEA S9086-AA-STM-010
Chap 075, Threaded Fasteners	NAVSEA S9086-CJ-STM-000
Chap 078, Gaskets, Packings, and Seals	NAVSEA S9086-CM-STM-000
Chap 079, Vol 3, Damage Control - Engineering Casualty Control	NAVSEA S9086-CN-STM-030
Chap 220, Vol 1, Boiler Water/Feedwater - Water Chemistry	NAVSEA S9086-GX-STM-010
Chap 220, Vol 2, Boiler Water/Feedwater - Test and Treatment	NAVSEA S9086-GX-STM-020
Chap 221, Boilers	NAVSEA S9086-GY-STM-010
Chap 233, Diesel Engines	NAVSEA S9086-HB-STM-000
Chap 234, Marine Gas Turbines	NAVSEA S9086-HC-STM-000
Chap 244, Propulsion Bearings and Seals	NAVSEA S9086-HN-STM-010
Chap 245, Propellers	NAVSEA S9086-HP-STM-010
Chap 262, Lubricating Oils, Greases, Hydraulic Fluids and Lubricating Systems	NAVSEA S9086-H7-STM-010
Chap 300, Electric Plant General	NAVSEA S9086-KC-STM-010
Chap 302, Electric Motors and Controllers	NAVSEA S9086-KE-STM-000
Chap 310, Electric Power Generators and Conversion Equipment	NAVSEA S9086-KN-STM-010
Chap 313, Portable Storage and Dry Batteries	NAVSEA S9086-KR-STM-000
Chap 320, Electric Power Distribution Systems	NAVSEA S9086-KY-STM-000
Chap 491, Electrical Measuring and Test Instruments	NAVSEA S9086-Q5-STM-000
Chap 503, Pumps	NAVSEA S9086-RH-STM-000
Chap 504, Pressure, Temperature, and Other Mechanical and Electromechanical Measuring Instruments	NAVSEA S9086-RJ-STM-000
Chap 505, Piping Systems	NAVSEA S9086-RK-STM-010
Chap 541, Petroleum Fuel Stowage, Use, and Testing	NAVSEA S9086-SN-STM-000
Chap 542, Gasoline and JP-5 Fuel Systems	NAVSEA S9086-SP-STM-000

GAS TURBINE SYSTEMS TECHNICIAN (GSE)

REFERENCE TITLE	IDENTIFYING NUMBER
Chap 551, Compressed Air Plants and Systems	NAVSEA S9086-SY-STM-010
Chap 555, Firefighting - Ship	NAVSEA S9086-S3-STM-010
Chap 593, Pollution Control	NAVSEA S9086-T8-STM-010
Aircraft Gas Turbine Engine Technology, Second Ed, McGraw-Hill, Inc., 1979	
Controllable Reversible Pitch Propeller in DD-963 Class, DDG-993 Class, and DD-997	NAVSEA S9245-MMM-010
CP Propeller and Propulsion Shafting System, FFG-7 Class	NAVSEA 0941-LP-053-7010
Damage Control Console, FFG-7 Class Ships, Vol 1	NAVSEA 0971-LP-027-8010
Electric Plant Control Console, FFG-7 Class Ships, Vol 1	NAVSEA 0967-LP-608-4016
Electric Plant Control Equipment, DD-963 Class Ships	NAVSEA S9234-BS-MMO-010 through 040
Engineering Operational Sequencing System User's Guide, EUG/0001/0589	
Environmental and Natural Resources Program Manual	OPNAVINST 5090.1
Main Propulsion Reduction Gear Assemblies, CG-47 Class Ships	NAVSEA S9241-AE-MMA-010
Main Reduction Gear, FFG-7 Class Ships	NAVSEA 0910-LP-045-9500
Model 104 Gas Turbine Generator Set	NAVSEA S9234-BC-MMO-010 through 040
Model 139 Gas Turbine Generator Set	NAVSEA S9234-B3-MMO-010 through 030
Propulsion Gas Turbine Module LM2500	NAVSEA S9234-AD-MMO-010 through 090
Propulsion Local Operating Equipment, DD-963 Class Ships	NAVSEA S9234-BT-MMO-010 through 040
Propulsion Operating Guide	NAVSHIPS 0905-496-3010
Propulsion Operating Guide	NAVSEA S9CG0-BP-POG-010/CG47CL
Propulsion Operating Guide	NAVSEA S9FFG-AL-POG-010
Propulsion Plant Manual for CG-47 Class Ships	NAVSEA S9234-D8-GTP-010 through 040
Propulsion Plant Manual for DD-963 Class Ships	NAVSEA S9234-AL-GTP-010 through 040
Propulsion Plant Manual for DDG-51 Class Ships	NAVSEA S9234-GA-GTP-010 through 040
Propulsion Plant Manual for FFG-7 Class Ships	NAVSEA S9234-BL-GTP-010 through 040
Sawyer's Gas Turbine Engineering Handbook, Vol 1, "Theory and Design," Second Ed	
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4
Ship Service Switchboards 60 Hz, FFG-7 Class Ships	NAVSEA 0962-LP-087-901
Speed Decreaser Gear for DD-963 Class, DDG-993 Class, and DD-997 Class Ships	NAVSEA 0942-LP-016-0010
Standard Organization and Regulations of the U.S. Navy	OPNAVINST 3120.32

GAS TURBINE SYSTEMS TECHNICIAN (GSE)

REFERENCE TITLE	IDENTIFYING NUMBER
The Aircraft Gas Turbine Engine and Its Operation, Pratt & Whitney Operating Instruction 200, United Technologies Corporation, 1988	
U.S. Navy Oil Spill Containment and Clean-Up Kit	NAVSEA 0994-LP-013-6010
60 Hertz Main Switchboards,	S9324-DK-MMA-010/56425
GSE2	
EN2	(TRAMAN-See NAVEDTRA 12061)
GSM2	(TRAMAN-See NAVEDTRA 12061)
EIMB	
Electronics Circuits	NAVSEA 0967-LP-000-0120
General Handbook	NAVSEA SE000-00-EIM-0100
General Maintenance	NAVSEA SE000-00-EIM-0160
Test Methods and Practices	NAVSEA 0967-LP-000-0130
NSTM	
Chap 079, Vol 1, Damage Control - Stability and Buoyancy	NAVSEA S9086-CN-STM-010
Chap 090, Inspections, Tests, Records, and Reports	NAVSEA S9086-CZ-STM-000
Chap 254, Condensers, Heat Exchangers, and Air Ejectors	NAVSEA S9086-UY-STM-000
Chap 9420, Propulsion Reduction Gears, Couplings, and Associated Components	NAVSEA 0901-LP-420-0002
Auxiliary Control Console, FFG-7 Class Ships, Vol 1	NAVSEA 0967-LP-608-3010
Landing Craft, Air Cushion (LCAC) Craft Console Systems	NAVSEA S9565-AK-MMA-010
Metrology Automated System for Uniform Recall and Reporting (Measure) Users Manual	OPNAV Manual OP43P6
Metrology Requirements Lists (METRL)	NAVAIR 17-35-MTL-1
Navy Safety Precautions for Forces Afloat	OPNAVINST 5100.19, Vols I and II
Operation and Maintenance Manual for Landing Craft, Air Cushion (LCAC) Craft Control Systems	NAVSEA S9568-AK-MMA-010
Propulsion and Auxiliary Machinery Control Equipment, DD-963 Class Ships	NAVSEA S9234-BW-MMO-010 through 040
Propulsion and Auxiliary Machinery Information System Equipment	NAVSEA S9234-BV-MMO-010 through 050
Propulsion Control System, FFG-7 Class Ships, Vol 1	NAVSEA 0941-LP-051-1010
Propulsion Line Shaft Bearing, Oil Disc Lubricated Model 84116	NAVSEA S9244-AT-MMA-010
Ship's Control Equipment, DD-963 Class Ships	NAVSEA S9234-BU-MMO-010 through 040
AOE-6 USS Supply, Propulsion Operating Guide	NAVSEA S9AOE-AF-POG-010
Waste Heat Auxiliary Boilers, CONSECO	NAVSEA S9517-AS-OMI-010

GAS TURBINE SYSTEMS TECHNICIAN (GSE)

REFERENCE TITLE	IDENTIFYING NUMBER
GSEI	
BT 1&C	(TRAMAN-See NAVEDTRA 12061)
EM 1&C	(TRAMAN-See NAVEDTRA 12061)
EN 1&C	(TRAMAN-See NAVEDTRA 12061)
Human Behavior	(TRAMAN-See NAVEDTRA 12061)
MM 1&C	(TRAMAN-See NAVEDTRA 12061)
Naval Safety Supervisor	(TRAMAN-See NAVEDTRA 12061)
Personnel Qualifications Standards, Managers Guide	(TRAMAN-See NAVEDTRA 12061)
NSTM	
Chap 094, Trials	NAVSEA S9086-C4-STM-000
Chap 9430, Shafting, Bearings, and Seals	NAVSEA 0901-LP-430-0012
Corrosion Control Manual for DD-963 Class Ships	NAVSEA 09630-AB-MAN-010
Marine Gas Turbine Technical Directives Manual	NAVSEA 0941-LP-053-5010
Standard Corrosion Control Manual	NAVSEA S9630-AE-MAN-010
GSEC	
NSTM	
Chap 670, Stowage, Handling, and Disposal of Hazardous General Use Consumables	NAVSEA S9086-WK-STM-010
Chap 997, Docking Instructions and Routine Work in Dry Dock	NAVSEA S9086-7G-STM-010
Ship Configuration and Logistics Support Information System	NAVSEA S0752-AA-SPN-010 through 040
Team Leader Guide for DD-963/DDG-993 Class Ships	NAVSEA S9234-D5-MMO-010
Team Leader Guide for FFG-7 Class Ships	NAVSEA S9234-D6-MO-010

GAS TURBINE SYSTEMS TECHNICIAN (GSM)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
GSM3	GSE3/GSM3, Vol 1	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
GSM3	GSE3/GSM3, Vol 2		
GSM2	GSM2		
GSM1	GS Supervisor		
GSM1	Engineering Administration		
GSMC	GS Supervisor		
GSMC	Engineering Administration		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
GSM3	
Basic Machines	(TRAMAN-See NAVEDTRA 12061)
Blueprint Reading and Sketching	(TRAMAN-See NAVEDTRA 12061)
BT 3&2	(TRAMAN-See NAVEDTRA 12061)
EM 3&2	(TRAMAN-See NAVEDTRA 12061)
EN3	(TRAMAN-See NAVEDTRA 12061)
Fluid Power	(TRAMAN-See NAVEDTRA 12061)
Introduction to 3-M Systems	(TRAMAN-See NAVEDTRA 12061)
MM 3&2	(TRAMAN-See NAVEDTRA 12061)
SK 3&2	(TRAMAN-See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Tools	(TRAMAN-See NAVEDTRA 12061)
Principles of Naval Engineering	(TRAMAN-See NAVEDTRA 12061)
NEETS	
Module 1, Introduction to Matter, Energy, and Direct Current	(TRAMAN-See NAVEDTRA 12061)
Module 2, Introduction to Alternating Current and Transformers	(TRAMAN-See NAVEDTRA 12061)
Module 3, Circuit Protection, Control, and Measurement	(TRAMAN-See NAVEDTRA 12061)
Module 4, Introduction to Electrical Conductors, Wiring Techniques, and Schematic Reading	(TRAMAN-See NAVEDTRA 12061)
Module 5, Introduction to Generators and Motors	(TRAMAN-See NAVEDTRA 12061)
Module 16, Introduction to Test Equipment	(TRAMAN-See NAVEDTRA 12061)
Module 20, Master Glossary and Index	(TRAMAN-See NAVEDTRA 12061)
Module 21, Test Methods and Practices	(TRAMAN-See NAVEDTRA 12061)
Module 22, Introduction to Digital Computers	(TRAMAN-See NAVEDTRA 12061)

GAS TURBINE SYSTEMS TECHNICIAN (GSM)

REFERENCE TITLE	IDENTIFYING NUMBER
Guide for User Maintenance of NAVSEA Technical Manuals	NAVSEA S0005-AA-GYD-030/TMMP
NSTM	
Chap 001, General - NSTM Publication Index and User Guide	NAVSEA S9086-AA-STM-010
Chap 075, Threaded Fasteners	NAVSEA S9086-CJ-STM-002
Chap 078, Gaskets, Packings, and Seals	NAVSEA S9086-CM-STM-000
Chap 079, Vol 3, Damage Control - Engineering Casualty Control	NAVSEA S9086-CN-STM-030
Chap 220, Vol 1, Boiler Water/Feedwater - Water Chemistry	NAVSEA S9086-GX-STM-010
Chap 220, Vol 2, Boiler Water/Feedwater - Test and Treatment	NAVSEA S9086-GX-STM-020
Chap 221, Boilers	NAVSEA S9086-GY-STM-010
Chap 233, Diesel Engines	NAVSEA S9086-HB-STM-000
Chap 234, Marine Gas Turbines	NAVSEA S9086-HC-STM-000
Chap 244, Propulsion Bearings and Seals	NAVSEA S9086-HN-STM-010
Chap 245, Propellers	NAVSEA S9086-HP-STM-010
Chap 254, Condensers, Heat Exchangers, and Air Ejectors	NAVSEA S9086-HY-STM-000
Chap 262, Lubricating Oils, Greases, Hydraulic Fluids, and Lubricating Systems	NAVSEA S9086-H7-STM-010
Chap 300, Electric Plant General	NAVSEA S9086-KC-STM-010
Chap 310, Electric Power Generators and Conversion Equipment	NAVSEA S9086-KN-STM-010
Chap 320, Electrical Power Distribution Systems	NAVSEA S9086-KY-STM-000
Chap 503, Pumps	NAVSEA S9086-RH-STM-000
Chap 504, Pressure, Temperature, and Other Mechanical and Electromechanical Measuring Instruments	NAVSEA S9086-RJ-STM-000
Chap 505, Piping Systems	NAVSEA S9086-RK-STM-010
Chap 541, Petroleum Fuel Stowage, Use, and Testing	NAVSEA S9086-SN-STM-000
Chap 542, Gasoline and JP-5 Fuel Systems	NAVSEA S9086-SP-STM-000
Chap 551, Compressed Air Plants and Systems	NAVSEA S9086-SY-STM-010
Chap 555, Firefighting - Ship	NAVSEA S9086-S3-STM-010
Chap 556, Hydraulic Equipment (Power Transmission and Control)	NAVSEA S9086-S4-STM-000
Chap 593, Pollution Control	NAVSEA S9086-T8-STM-010
Chap 670, Stowage, Handling, and Disposal of Hazardous General Use Consumables	NAVSEA S9086-WK-STM-010
Chap 9420, Propulsion Reduction Gears, Couplings, and Associated Components	NAVSEA 0901-LP-420-0002

GAS TURBINE SYSTEMS TECHNICIAN (GSM)

REFERENCE TITLE	IDENTIFYING NUMBER
Chap 9430, Shafting, Bearings, and Seals	NAVSEA 0901-LP-430-0012
Propulsion Gas Turbine Module LM2500	NAVSEA S9234-AD-MMO-010 through 090
Internal Inspection and Evaluation of Marine Gas Turbine Engines (Model LM2500)	NAVSEA S9234-D1-GTP-010/LM2500
Model 104 Gas Turbine Generator Set	NAVSEA S9234-BC-MMO-010 through 040
Propulsion Plant Manual	NAVSEA S9234-D8-GTP-010 through 040, CG-47 PPM
Propulsion Plant Manual	NAVSEA S9234-AL-GTP-010 through 040, DD-963 PPM
Propulsion Plant Manual	NAVSEA S9234-BL-GTP-010 through 040, FFG-7 PPM
Propulsion Plant Manual	NAVSEA S9234-GA-GTP-010 through 040, DDG-51 PPM
Propulsion Operating Guide	NAVSHIPS 0905-496-3010
Propulsion Operating Guide	NAVSEA S9CGO-BP-POG-010/CG47CL
Propulsion Operating Guide	NAVSEA S9FFG-AL-POG-010
CP Propeller and Propulsion Shafting System	NAVSEA 0941-LP-053-7010
Main Reduction Gear	NAVSEA 0942-LP-016-1010
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4B
Standard Organization and Regulations of the U.S. Navy	OPNAVINST 3120.32B
U.S. Navy Oil Spill Containment and Clean-Up Kit	NAVSEA 0994-LP-013-6010
Aircraft Gas Turbine Engine Technology, Second Edition, McGraw-Hill Inc., 1979	
The Aircraft Gas Turbine Engine and Its Operation, Pratt & Whitney Oper. Inst. 200, Rev. Aug 1988	
Model 139 Gas Turbine Generator Set	NAVSEA S9234-B3-MM0-010 through 040/MOD 139 GTGS
Centrifugal Oil Purifier, Model 65N-01	NAVSEA 0945-LP-031-3013
Ship's Service Switchboards 60 Hz for FFG-7 Class Ships	NAVSEA 0962-LP-089-9010
GSM2	
GSE2	(TRAMAN-See NAVEDTRA 12061)
EN2	(TRAMAN-See NAVEDTRA 12061)
NSTM	
Chap 090, Inspections, Tests, Records, and Reports	NAVSEA S9086-CZ-STM-000
Propulsion Line Shaft Bearing, Oil Disc Lubricated, Model 84116	NAVSEA S9244-AT-MMA-010
Landing Craft, Air Cushion (LCAC) Craft Control Systems	NAVSEA S9565-AK-MMA-010
AOE-6 USS Supply, Ship Information Book; Vol 2 Part 1, Machinery Plant, Propulsion Plant, General Design and Operating Procedures	NAVSEA S9AOE-AF-SIB-020

GAS TURBINE SYSTEMS TECHNICIAN (GSM)

REFERENCE TITLE	IDENTIFYING NUMBER
GSM1	
BT 1&C	(TRAMAN-See NAVEDTRA 12061)
EM 1&C	(TRAMAN-See NAVEDTRA 12061)
EN 1&C	(TRAMAN-See NAVEDTRA 12061)
Human Behavior	(TRAMAN-See NAVEDTRA 12061)
MM 1&C	(TRAMAN-See NAVEDTRA 12061)
Naval Safety Supervisor	(TRAMAN-See NAVEDTRA 12061)
Corrosion Control Manual for DD-963 Class Ships	NAVSEA S9630-AB-MAN-010
Standard Corrosion Control Manual	NAVSEA S9630-AE-MAN-010
Navy Occupational and Safety (NAVOSH) Program Manual for Forces Afloat, Vols I and II	OPNAVINST 5100.19
Personnel Qualifications Standard, Managers Guide	(TRAMAN-See NAVEDTRA 12061)
Marine Gas Turbine Technical Directives Manual	NAVSEA 0941-LP-053-5010
GSMC	
NSTM	
Chap 313, Portable Storage and Dry Batteries	NAVSEA S9086-KR-STM-000
Chap 997, Docking Instructions and Routine Work in Dry Dock	NAVSEA S9086-7G-STM-010
Ship Configuration and Logistics Support Information System	NAVSEA S0752-AA-SPN-010

HOSPITAL CORPSMAN (HM)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
HM3	HM 3&2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
HM2			
HM1	HM 1&C		
HMC			

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
HM3	
Delivery and Administration of Oxygen for Medical Use	BUMEDINST 6710.66
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
Department of the Navy File Maintenance Procedures and Standard Subject Identification Codes (SSIC)	SECNAVINST 5210.11
Health Care Treatment Records (NAVMED 6150/10-19)	NAVMEDCOMINST 6150.1
Immunization and Chemoprophylaxis	NAVMEDCOMINST 6230.3
Manual of Naval Preventive Medicine	NAVMED P-5010
Manual of the Medical Department, U.S. Navy	NAVMED P-117
Mobile Medical Augmentation Readiness Team (MMART) Manual	NAVMEDCOMINST 6440.2
Navy Customer Service Manual	(TRAMAN--See NAVEDTRA 12061)
Navy Directives Issuance System	SECNAVINST 5215.1
Nursing Procedures	NAVMED P-5066
Navy and Marine Corps Records Disposition Manual	SECNAVINST 5212.5
Standard First Aid Training Course	(TRAMAN--See NAVEDTRA 12061)
HM2	
Civilian Health and Medical Program of the Uniform Services (CHAMPUS) Regulation	NAVMEDCOMINST 6320.18
Command Training Program	NAVMEDCOMINST 1500.8
Competence for Duty Examinations	BUMEDINST 6120.20
Control of Communicable Diseases in Man	NAVMED P-5038
Decedent Affairs Manual	NAVMEDCOMINST 5360.1
Defense Enrollment Eligibility Reporting System (DEERS)	OPNAVINST 1750.2
Disease Alert Reports	NAVMEDCOMINST 6220.2
Exceptional Family Member Program	OPNAVINST 1754.2

HOSPITAL CORPSMAN (HM)

REFERENCE TITLE	IDENTIFYING NUMBER
Family Advocacy Program	NAVMEDCOMINST 6320.22
Health Services Support	FMFM 4-50
Medical Services and Outpatient Morbidity Reporting System	BUMEDINST 6300.2
NATO Handbook on the Medical Aspects of NBC Defensive Operations	NAVMED P-5059
Ophthalmic Service	NAVMEDCOMINST 6810.1
Poisons, Overdoses, Antidotes, and Emergency First Aid	NAVMED P-5095 (Rev. Ed. 1987)
Prevention of Cold Injuries	NAVMEDCOMINST 6260.12
Procurement of Deratting/Deratting Exemption Certificates	BUMEDINST 6250.14
Professional Medical Reference Materials and Publications	NAVMEDCOMINST 6820.1
Radiation Health Protection Manual	NAVMED P-5055
Sexually Transmitted Disease (STD) Clinical Guidelines	BUMEDINST 6222.10
Suitability Processing for Overseas Assignment of Navy and Marine Corps Members and Their Accompanying Dependents	NAVMEDCOMINST 1300.1
The Navy Casualty Assistance Calls Program (CACP)	NAVMILPERSCOMINST 1770.1
Treatment of Chemical Casualties and Conventional Military Chemical Injuries	NAVMED P-5041
Tuberculosis Control Program	BUMEDINST 6224.8
Venereal Disease Interviewers' Guide	NAVMED P-5036
Viral Hepatitis Prevention	NAVMEDCOMINST 6230.1
HM1	
Diary Message Reporting System User's Manual (DMRSMAN)	EPMAC Document Number 1080#1 UM-01A
Enlisted Distribution and Verification Report User's Manual (EDVRMAN)	EPMAC Document Number 1080#4 UM-01
Management of Medical Waste	BUMEDINST 6280.1
Medical and Dental Care for Eligible Persons at Navy Medical Department Facilities	NAVMEDCOMINST 6320.3
Naval Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
Nonnaval Medical and Dental Care	NAVMEDCOMINST 6320.1
Format and Procedures for Validating the Officer Distribution Control Report	NAVMILPERSCOMINST 1301.2
Quality Assurance Program	BUMEDINST 6010.13

HOSPITAL CORPSMAN (HM)

REFERENCE TITLE	IDENTIFYING NUMBER
HMC	
Activity Safety and Occupational Health Program	NAVMEDCOMINST 5100.1
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Equipment Management Manual	NAVMED P-5132
Health Care Contracting	BUMEDINST 4283.1
Manual of Navy Total Force Manpower	OPNAVINST 1000.16
Military-Civilian Health Services Partnership Program	NAVMEDCOMINST 6320.29
Procedures for Obtaining Health Hazard Assessments Pertaining to Operational Use of Hazardous Materials	BUMEDINST 6270.8
The Navy Enlisted Performance Evaluation Manual	BUPERSINST 1616.9

HULL MAINTENANCE TECHNICIAN (HT)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
HT3	HT 3&2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
HT2	HT 3&2		
HT1	HT 1&C		
HTC	HT 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
HT3	
Use and Care of Hand Tools and Measuring Tools	(TRAMAN-See NAVEDTRA 12061)
Blueprint Reading and Sketching	(TRAMAN-See NAVEDTRA 12061)
Engineering Administration	(TRAMAN-See NAVEDTRA 12061)
NSTM	
Chap 074, Vol 1, Welding and Allied Processes	NAVSEA S9086-CH-STM-010
Chap 074, Vol 2, Nondestructive Testing of Metals, Qualification and Certification Requirements for Naval Personnel	NAVSEA S9086-CH-STM-020
Chap 074, Vol 3, Gas Free Engineering	NAVSEA S9086-CH-STM-030
Chap 077, Personnel Protection Equipment	NAVSEA S9086-CL-STM-000
Chap 078, Gaskets, Packings, and Seals	NAVSEA S9086-CM-STM-000
Chap 096, Weights and Stability	NAVSEA S9086-C6-STM-000
Chap 505, Piping Systems	NAVSEA S9086-RK-STM-010
Chap 583, Boats and Small Craft	NAVSEA S9086-TX-STM-000
Chap 593, Pollution Control	NAVSEA S9086-T8-STM-010
Chap 634, Deck Coverings	NAVSEA S9086-VG-STM-000
Chap 635, Thermal, Fire and Acoustic Insulation	NAVSEA S9086-VH-STM-010
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4
Ship Metallic Material Comparison and Use Guide	NAVSHIPS 0900-038-8010
Standard Organization and Regulations of the U.S. Navy	OPNAVINST 3120.32
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat	OPNAVINST 5100.19
Structural Repairs	NAVSEA S9100-AB-GTP-010
Fabrication and Inspection of Brazed Piping Systems	NAVSEA 0900-LP-001-7000
Technical Directive for Piping Devices, Flexible Hose Assemblies	NAVSEA S6430-AE-TED-010
Technical Directive for Piping Devices, Flexible, Rubber Insert Sound Isolation Couplings (RISIC)	NAVSEA S6430-AE-TED-020

HULL MAINTENANCE TECHNICIAN (HT)

REFERENCE TITLE	IDENTIFYING NUMBER
Welded Joint Design	MIL-STD-22D
HT2	
Pipe Flanges and Flanged Fittings	ASME/ANSI B16.5
HT1	
Ship Configuration and Logistics Support Information System	NAVSEA T0752-AA-MAN-010 through 040
NO ADDITIONAL BIBLIOGRAPHY FOR HTC	

INTERIOR COMMUNICATIONS ELECTRICIAN (IC)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
IC3	IC 3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
IC2	IC, Vol 2		
IC1	IC, Vol 3		
ICC	IC, Vol 3		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
IC3	
Basic Machines, Chaps 6, 11, 12, and 15	(TRAMAN-See NAVEDTRA 12061)
EM 3&2, Chaps 4 and 12	(TRAMAN-See NAVEDTRA 12061)
NEETS	
Mod 1, Introduction to Matter, Energy, and Direct Current	(TRAMAN-See NAVEDTRA 12061)
Mod 2, Introduction to Alternating Current and Transformers	(TRAMAN-See NAVEDTRA 12061)
Mod 3, Introduction to Circuit Protection, Control and Measurement	(TRAMAN-See NAVEDTRA 12061)
Mod 4, Introduction to Electrical Conductors, Wiring Techniques, and Schematic Reading	(TRAMAN-See NAVEDTRA 12061)
Mod 5, Introduction to Generators and Motors	(TRAMAN-See NAVEDTRA 12061)
Mod 6, Introduction to Electronic Emission Tubes and Power Supplies	(TRAMAN-See NAVEDTRA 12061)
Mod 7, Introduction to Solid-State Devices and Power Supplies	(TRAMAN-See NAVEDTRA 12061)
Mod 8, Introduction to Amplifiers	(TRAMAN-See NAVEDTRA 12061)
Mod 9, Introduction to Wave-Generation and Wave-Shaping Circuits	(TRAMAN-See NAVEDTRA 12061)
Mod 13, Introduction to Number Systems, Boolean Algebra, and Logic Circuits	(TRAMAN-See NAVEDTRA 12061)
Mod 14, Introduction to Microelectronics	(TRAMAN-See NAVEDTRA 12061)
Mod 15, Principles of Synchros, Servos and Gyros	(TRAMAN-See NAVEDTRA 12061)
Mod 16, Introduction to Test Equipment	(TRAMAN-See NAVEDTRA 12061)
Mod 19, The Technician's Handbook	(TRAMAN-See NAVEDTRA 12061)
Mod 21, Test Methods and Practices	(TRAMAN-See NAVEDTRA 12061)
Mod 22, Introduction to Digital Computers	(TRAMAN-See NAVEDTRA 12061)
Mod 23, Magnetic Recording	(TRAMAN-See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Tools	(TRAMAN-See NAVEDTRA 12061)

INTERIOR COMMUNICATIONS ELECTRICIAN (IC)

REFERENCE TITLE	IDENTIFYING NUMBER
Engineering Administration, Chaps 1 and 2	(TRAMAN-See NAVEDTRA 12061)
Blueprint Reading and Sketching, Chaps 1 through 5	(TRAMAN-See NAVEDTRA 12061)
NSTM	
Chap 079, Vol 2, Damage Control - Practical Damage Control	NAVSEA S9086-CN-STM-020
Chap 079, Vol 3, Damage Control - Engineering Casualty Control	NAVSEA S9086-CN-STM-030
Chap 080, Publications and Drawings	NAVSEA S9086-CP-STM-000
Chap 083, Allowances, Issues Expenditures of Material, and Repair Parts	NAVSEA S9086-CS-STM-000
Chap 252, Ship Control Equipment	NAVSEA S9086-HW-STM-010
Chap 300, Electric Plant General	NAVSEA S9086-KC-STM-000
Chap 302, Electric Motors and Controllers	NAVSEA S9086-KE-STM-000
Chap 310, Electric Power Generators and Conversion Equipment	NAVSEA S9086-KN-STM-000
Chap 313, Portable Storage and Dry Batteries	NAVSEA S9086-KR-STM-000
Chap 320, Electric Power Distribution Systems	NAVSEA S9086-KY-STM-000
Chap 400, Electronics	NAVSEA S9086-ND-STM-000
Chap 430, Interior Communications Installations	NAVSEA S9086-PA-STM-000
Chap 491, Electrical Measuring and Test Instruments	NAVSEA S9086-Q5-STM-000
Chap 504, Pressure, Temperature, and Other Mechanical and Electromechanical Measuring Instruments	NAVSEA S9086-RJ-STM-000
Chap 631, Preservation of Ships in Service	NAVSEA S9086-VD-STM-000
Ships' Maintenance and Material Management (3-M) Manual, Chaps 1, 2, 3, 5, and 9	OPNAVINST 4790.4
Military Standardization Handbook-Synchros	MIL HDBK 225 (AS)
EIMB	
General Handbook	NAVSEA SE000-00-EIM-0100
General Maintenance	NAVSEA SE000-00-EIM-0160
Test Methods and Practices	NAVSEA 0967-LP-000-0130
IC2	
Engineering Administration, Chaps 3 and 7	(TRAMAN-See NAVEDTRA 12061)
Standard Organization and Regulations of the U.S. Navy, Chap 8	OPNAVINST 3120.32
IC1	
NSTM	
Chap 090, Inspections, Tests, Records, and Reports	NAVSEA S9086-CZ-STM-000
Chap 094, Trials	NAVSEA S9086-C4-STM-000

INTERIOR COMMUNICATIONS ELECTRICIAN (IC)

REFERENCE TITLE	IDENTIFYING NUMBER
Ship Configuration and Logistics Support Information System	NAVSEA T0752-AA-MAN-010 through 040
Quality Assurance Manual developed in accordance with SECNAVINST 4855.1	
Standard Organization and Regulations of the U.S. Navy, Chap 4	OPNAVINST 3120.32
ICC	
MM 3&2, Chap 7	(TRAMAN-See NAVEDTRA 12061)
MM 1&C, Chap 11	(TRAMAN-See NAVEDTRA 12061)
EM 1&C, Chap 3	(TRAMAN-See NAVEDTRA 12061)
Engineering Administration, Chaps 6, 8, and 9	(TRAMAN-See NAVEDTRA 12061)
NSTM	
Chap 079, Vol 1, Damage Control - Stability and Buoyancy	NAVSEA S9086-CN-STM-010
Chap 593, Pollution Control	NAVSEA S9086-T8-STM-010
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat	OPNAVINST 5100.19
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
Environmental and Natural Resources Protection Manual	OPNAVINST 5090.1
Operational Reports, Chap 4	NWP-10-1-10

INSTRUMENTMAN (IM)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
IM3 IM2	IM 3&2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
IM1 IMC	IM 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
IM3	
Basic Machines, Chaps 5, 6, 7, 8, 9, 10, and 11	(TRAMAN-See NAVEDTRA 12061)
Blueprint Reading and Sketching	(TRAMAN-See NAVEDTRA 12061)
NEETS MOD 1	(TRAMAN-See NAVEDTRA 12061)
NEETS MOD 2	(TRAMAN-See NAVEDTRA 12061)
NEETS MOD 3	(TRAMAN-See NAVEDTRA 12061)
NEETS MOD 4	(TRAMAN-See NAVEDTRA 12061)
NEETS Mod 7	(TRAMAN-See NAVEDTRA 12061)
NEET MOD 13	(TRAMAN-See NAVEDTRA 12061)
NEETS MOD 14	(TRAMAN-See NAVEDTRA 12061)
NEETS MOD 16	(TRAMAN-See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Tools	(TRAMAN-See NAVEDTRA 12061)
Engineering Administration	(TRAMAN-See NAVEDTRA 12061)
Precision Pressure Calibration System, KNC 3689	KNC PUB NO. 3689-75-1
Automatic Pressure Calibration System, KNC 3666	KNC PUB NO. 3666-81-1
Test and Maintenance Panel, KNC 3666	KNC PUB NO. 3666-81-1
Instrument Cleaning System, 3646	KNC PUB NO. 3646-13-1
Thermo Unit, 3605	KNC PUB NO. 3605-42-1
Thermo Unit, 3604	KNC PUB NO. 3604-25-1

INSTRUMENTMAN (IM)

REFERENCE TITLE	IDENTIFYING NUMBER
Pressure-Vacuum Chamber, KNC 3558	KNC PUB NO. 3558-39-1
Portable Pneumatic Comparator, KNC 3461	KNC PUB NO. 3461-75-1
Portable Gage Calibrator, 1127-2	S-T750-AF-OSM-000/MOD 1127-2
MR 3&2	(TRAMAN-See NAVEDTRA 12061)
OM 3&2	(TRAMAN-See NAVEDTRA 12061)
Metrology Automated System for Uniform Recall and Reporting (Measure) Users Manual	OPNAV Manual OP43P6A
Metrology Requirements List (METRL)	NAVAIR 17-35-MTL-1
NSTM Chap 504, Pressure, Temperature, and Other Mechanical and Electro- mechanical Measuring Instruments	NAVSEA S9086-RJ-STM-000
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4
NAVSEA Metrology and Calibration (METCAL) Program	NAVSEAINST 4734.1
Metrology and Calibration (METCAL) Laboratory Requirements and Certifications Guide	ST700-AM-GYD-010/METCAL
Operations and Procedures Manual	ST700-AM-PRO-010/TAMS
Oxygen Instrumentation Calibration Room (OICR) Requirements and Operations Guide	ST700-AM-GYD-020/OICR
IM2	
Dimensional Measurement	NAVAIR 17-35QAL-9
IM1	
Department of the Navy Metrology and Calibration (METCAL) Program	NAVMATINST 4355.67
Physical Measurements	NAVAIR 17-35QAL-2
Mercury, Mercury Compounds, and Components Containing Mercury or Mercury Compounds, Control of	NAVSEAINST 5100.3

INSTRUMENTMAN (IM)

REFERENCE TITLE	IDENTIFYING NUMBER
NSTM Chap 550, Industrial Gases; Generating, Handling, and Storage	NAVSEA S9086-SX-STM-000
IMC	
Oxygen Instrument Cleaning for Calibration	NAVAIR 17-35QAL-11

INTELLIGENCE SPECIALIST (IS)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
IS3 & IS2	IS 3&2, Vol 1	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
	IS 3&2, Vol 2		
	IS 3&2, Vol 3		
IS1 & ISC	IS 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
IS3	
Joir Reporting System	NWP 10-1-13
Consolidated Instructions for IPIR/SUPIR/NIPIR Message Formats	DDC-2600-3531-83
Maritime Reporting System	NWP 10-1-12 (Rev B)
Fleet Intelligence Guide to Former Soviet Platforms (FIGFSP)	LIC-1200-002-92
DIA FACT BOOK: Communist World Forces	DST-2660Z-013-YR
Reconnaissance Reference Manual	NAVAIR 10-1-789
Joint Worldwide Evasion and Escape Manual	NWP 43
Air Reconnaissance and Surveillance Manual	NWP 25-3
Military Symbols	FM 21-30
Nautical Chart and Publication Allowances for Atlantic Fleet Commands	CINCLANTFLTINST 3169.1
Pacific Fleet Map and Aeronautical Chart Allowance Lists	CINCPACFLTINST 3881.2
Defense Mapping Agency (DMA) Chart Catalogs	
U.S. Allied Tactical Target Materials	DIAM 57-24
Aerial Photography and Airborne Sensor Imagery (Forwarding, Titling and Plotting)	DIAM 55-5
Joint Imagery Interpretation Keys Structure	DIAM 57-7 (Series)
Tactical Action Officer Handbook	NWP 12-5
Soviet Air Capabilities Against U.S. Naval Forces (AIRCAP) (U)	DIA DST-1300F-605-89
Soviet Naval Surface Force Capabilities (SURFCAP) (U)	DIA DST-12105-602-89
Fleet Guide to Capabilities of Foreign Weapon Systems	EFC-1200-018-YR
Naval Ship Characteristics USSR	DST-1210H-XX-YR
Fleet Intelligence Collection Manual (FICM)	NIC 2600G-001-87--Apps A through D
Naval Intelligence Products Register	NIC-2600A-001-YR--Pts A & B

INTELLIGENCE SPECIALIST (IS)

REFERENCE TITLE	IDENTIFYING NUMBER
Register of Intelligence Publications	DRS-2600-37-YR
DST-1200-10X-YR (NOB)	
DDB-1100-3XX-YR (GOB)	
DDB-1300-10X-YR (AOB)	
EDA-1700-XX-YR (EOB)	
Physical Security Standards for Special Compartmented Information Facilities (SCIFs)	DIAM 50-3
DOD Dictionary of Military and Associated Terms	Joint Pub 1-02
Submarine Warfare Tactics Handbook	NIC-1220H-001-86
Sensitive Compartmented Information Security Manual, Administrative Security (U), DOD Regulation	C5105.21M-1
Department of the Navy Security Classification Guidance	OPNAVINST 5513.1
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Naval Warfare Documentation Guide	NWP 0 (Rev P)
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
Fundamentals of Naval Intelligence	(TRAMAN--See NAVEDTRA 12061)
Naval Ship Characteristics--USSR, Combatants (U)	DIA DST-1210H-049-88
Department of the Navy Directives Issuance System	SECNAVINST 5215.1
Department of the Navy File Maintenance Procedures and Standard Subject Identification Codes (SSIC)	SECNAVINST 5210.11
Telecommunications Users Manual,	NTP 3
Merchant Marine Identification Guide--World	DST-2050G-612-YR
Communist Merchant Marine Identification Guide	DST-2050G-609-YR
Armed Forces and Courier Service Administration and Operations,	OPNAVINST 5130.2
The Armed Institute Guide to the Soviet Navy (5th Edition), Naval Institute Press, Annapolis, MD, 1991	
Afloat Intel Manager's Handbook	
Submarine Characteristics Selected Eastern European and Asian Countries	DST-1220H-161-92
Soviet Submarine Capabilities (SUBCAP)	DST-1220S-603-YR
Data Processing Technician Third Class	(TRAMAN--See NAVEDTRA 12061)
NEETS, Module 22, Introduction to Digital Computers	(TRAMAN--See NAVEDTRA 12061)
Department of the Navy Physical Security and Loss Prevention	OPNAVINST 5530.14
IS2	
Automated Installation Intelligence File (AIF) Instructions	DIAM 65-2-1
Image Interpretation Equipment and Material Allowance List for Ships, Squadrons, and Shore Facilities	NAVAIR 00-35QP-11

INTELLIGENCE SPECIALIST (IS)

REFERENCE TITLE	IDENTIFYING NUMBER
Guide for the Collection of Ship-to-Ship Photography	NRTSC 104/69C
Doctrine for Amphibious Operations	NWP 22
Defense Attache Manual for Administration	DIAM 100-1
DOD Exploitation of Multisensor Imagery	DIAM 57-5 Series
INTEL Collection	DIAM 58 Series
Threat Reference Guide and Countertactics	MCM 3-1, Vol II
Characteristics and Capabilities of U.S. Navy Aircraft	NWP 11-3
Operational Reports	NWP 10-1-10
Electronic Warfare Coordination	NWP 10-1-40
Special Incident Reporting	OPNAVINST 3100.6
Data Processing Technician Second Class	
IS1	
Naval Operational Planning	NWP 11
SCI Security Management	DIAM 50-1
INTEL Dissemination	DIAM 59-1
INTEL Information System	DIAM 65 Series
Antiair Warfare Commander's Manual	NWP 10-1-21
Composite Warfare Commander's Manual	NWP 10-1
Mining Operations	NWP 27-4A
Naval Special Warfare	NWP 15C
Naval Warfare Mission Areas and Required Operational Capability/Projected Operational Environment (ROC/POC) (U)	OPNAVINST C3501.2
Strike Operations Against Land Targets	NWP 10-2
Surface Ship Antisurface Tactics	NWP 64
Tactical Threat to Naval Surface Forces	NWP 12-2A
The Amphibious Task Force Plan	NWP 22-1
Space Systems (Current and Projected) China	DST-1400S-237-92-YR
Foreign Antisatellite Systems	DST-1420S-027-YR
Reconnaissance and Surveillance Space Systems	DSG-1430S-023-92
Department of the Navy Security Program for Automatic Data Processing Systems	OPNAVINST 5239.1
ISC	
Division Officer's Guide (9th Ed.), Noel, U.S. Naval Institute Press, Annapolis, MD	
Defense Courier Service	DOD 5200.33

JOURNALIST (JO)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
JO2	JO 2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
JO2	Public Affairs Policy and Regulations		
JO1/JOC	JO 1 & C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
JO3	
PH, Basic	(TRAMAN--See NAVEDTRA 12061)
DM, Chap 16	(TRAMAN--See NAVEDTRA 12061)
JO 2	(TRAMAN--See NAVEDTRA 12061)
The Associated Press Stylebook and Libel Manual	
Naval Imaging Program Policy and Responsibilities	OPNAVINST 5290.1
Department of the Navy Freedom of Information Act Program	SECNAVINST 5720.42
Command Histories	OPNAVINST 5750.12
Navy Broadcasting Service; Mission and Functions of	OPNAVINST 5450.195
Personal Privacy and Rights of Individuals Regarding Records Pertaining to Themselves	SECNAVINST 5211.5
Department of the Navy Public Affairs Policy and Regulations	SECNAVINST 5720.44
Instructions and Policy Concerning Fleet Home Town News Program	SECNAVINST 5724.3
Permission to Copy Materials Subject to Copyright	SECNAVINST 5870.5
YN 3, Chaps 5 & 7	(TRAMAN--See NAVEDTRA 12061)
JO2	
Ship or Station Newspaper/ Civilian Enterprise (CE) Publications	NAVPUBINST 5600.42
Management and Operation of Armed Forces Radio and Television Service (AFRTS)	DoDINST 5120.20
JO1	
Embarkation in U.S. Naval Ships	OPNAVINST 5720.2
NO ADDITIONAL BIBLIOGRAPHY FOR JOC	

LITHOGRAPHER (LI)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
LI3 / LI2	LI / LI 3 & 2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
LI1 / LIC	LI / LI 1 & C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
LI3	
Guide to Desktop Publishing, Graphic Arts Technical Foundation, Inc., Pittsburgh, PA, 1992	GATF Catalog No. 1420
Ventura Tips and Tricks (3d ed), Ted Nance with Daniel Will-Harris, Peachpit Press, Berkeley, CA, 1991	
The Scanner Book, Beale, Stephen and James Cavuto, Micro Publishing, Torrance, CA, 1989	
LaserJet III Printer User's Manual, Hewlett-Packard Company, Boise, ID, 1990	HP Part No. 33449-90901
Offset Duplicator, Model 1250N	NAVSEA S6460-AY-MMC-010
The Lithographer's Manual (8th ed) The Graphic Arts Technical Foundation, Inc., 1988	GATF Catalog No. 1407
Looking Good in Print (2d ed), Roger C. Parker, Ventana Press, Chapel Hill, NC, 1990	
Using Windows 3.1 (special edition), Rose and Person, Que, Carmel, IN, 1992	
Using WordPerfect for Windows, Que, Carmel, IN, 1991	
Mastering DOS 5 (3d ed.), Judd Robbins, Sybex, Inc., Alameda, CA, 1992	
Pagemaker 4, An Easy Desktop Reference, (Windows edition), Robin Williams, Peachpit Press Inc., Berkeley, CA, 1992	
Xerox DocuTech Publishing Series, Operator's Manuals, Version 2.0. Rochester, NY, 1992	
A.B. Dick Duplicator, Model 385	NAVSEA S6465-AF-MMM-010
Paper Cutter Guillotine Type, Model: 265 HBE, Technical Manual	NAVSEA SG200-A3-MMM-010
Department of the Navy Publications and Printing Regulations	NAVSO P-35
Government Printing and Binding Regulations	JCP No. 26
Reprographics Management Program Manual ¹	NAVPUBINST 5600.44
Standardization of Shipboard Reprographic (copying) Equipment (SSRE)	NAVSUPINST 5600.24
Department of the Navy Graphic Design Standards	SECNAVINST 5600.20
Stripping: The Assembly of Film Images, Graphic Arts Technical Foundation, Inc., Pittsburgh, PA, 1990	GATF Catalog No. 1507
Small Offset: Preparation and Press, Graphic Arts Technical Foundation, Inc., Pittsburgh, PA, 1993	GATF Catalog No. 1517

LITHOGRAPHER (LI)

REFERENCE TITLE	IDENTIFYING NUMBER
Sheetfed Offset Press Operating Guide, Graphic Arts Technical Foundation, Inc., Pittsburgh, PA, 1988	GATF Catalog No. 1530
Lithographic Press Operator's Handbook, Graphic Arts Technical Foundation, Inc., Pittsburgh, PA, 1988	GATF Catalog No. 1524
Chemistry For The Graphic Arts, Graphic Arts Technical Foundation, Inc., Pittsburgh, PA, 1992	GATF Catalog No. 1401
Solving Sheetfed Offset Press Problems, Graphic Arts Technical Foundation, Inc., Pittsburgh, PA, 1987	GATF Catalog No. 1501
Graphic Arts Photography: Black and White, Graphic Arts Technical Foundation, Inc., Pittsburgh, PA, 1992	GATF Catalog No. 1503
Graphic Arts Photography: Color, Graphic Arts Technical Foundation, Inc., Pittsburgh, PA, 1987	GATF Catalog No. 1509
Secondsight Reports, SS No. 17, Sheetfed Imposition In Desktop Publishing, Graphic Arts Technical Foundation, Inc., Pittsburgh, PA, 1991	GATF Catalog No. SS No. 17
Secondsight Reports, SS No. 21, Halftone Characteristics (Understanding Electronic Tone Reproduction, Graphic Arts Technical Foundation, Inc., Pittsburgh, PA, 1992	GATF Catalog No. SS No. 21
Operation Guide, Risograph 6300 Series, Danvers, MA, 1993	
Operator's Guide, Standard Digital Duplicators, 9000 Series, Andover, MA	
Operator's Guide, Itek 430 Camera-Processor, Rochester, NY, 1988	
Operator's Guide, Itek 430 Plate Processor, Rochester, NY 1988	
NEETS, Module 1	(TRAMAN--See NAVEDTRA 12061)
NEETS, Module 2	(TRAMAN--See NAVEDTRA 12061)
NEETS, Module 3	(TRAMAN--See NAVEDTRA 12061)
NEETS, Module 4	(TRAMAN--See NAVEDTRA 12061)
NEETS, Module 6	(TRAMAN--See NAVEDTRA 12061)
NEETS, Module 7	(TRAMAN--See NAVEDTRA 12061)
NEETS, Module 14	(TRAMAN--See NAVEDTRA 12061)
NEETS, Module 16	(TRAMAN--See NAVEDTRA 12061)
NEETS, Module 19	(TRAMAN--See NAVEDTRA 12061)
NEETS, Module 21	(TRAMAN--See NAVEDTRA 12061)
NEETS, Module 22	(TRAMAN--See NAVEDTRA 12061)
NEETS, Module 23	(TRAMAN--See NAVEDTRA 12061)
DS, Training Series, Volume 1	(TRAMAN--See NAVEDTRA 12061)
ET 3 & 2	(TRAMAN--See NAVEDTRA 12061)
Complete PC Upgrade and Maintenance Guide (2d ed), Mark Minasi, Sybex, Inc., Alameda, CA, 1991	
The Winn L. Rosch Hardware Bible (2d ed), Winn L. Rosch, Brady Publisher, New York, NY, 1992	

LITHOGRAPHER (LI)

REFERENCE TITLE	IDENTIFYING NUMBER
LI2	
Quality and Productivity in the Graphic Arts, Miles Southworth with Donna Southworth, Graphic Arts Publishing Co., Livonia, NY, 1990	
Department of the Navy File Maintenance Procedures and Standard Subject Identification Codes	SECNAVINST 5210.11
Preparation and Submission of JCP Forms 1, 5, and 6; procedures for	NAVPUBINST 5603.10
Forms Management Program Guidance	OPNAVINST 5213.1
Military Handbook, Microcomputer Software, and Hardware Guidelines, 1990	MIL-HDBK-805(OM)
LI1	
No additional references	
LIC	
Permission to Copy Materials Subject to Copyright	SECNAVINST 5870.5
Navy Precious Metals Program (PMP)	NAVSUPINST 4570.23

LEGALMAN (LN)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
LN3	LN TRAMAN/LN 3&2 NRTC	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
LN2			
LN1	LN TRAMAN/LN 1&C NRTC		
LNC			

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
LN3	
YN 3, Chaps 2-4, 7, 8, 10, and 15	(TRAMAN - See NAVEDTRA 12061)
YN 2, Chap 2	(TRAMAN - See NAVEDTRA 12061)
Legal Assistance Officer's Desk and Form Book, Vols 1 and 2	ACIL-ST-269
Navy Revision of Army Legal Assistance Desk Book	JAGMEMO 5801
Manual for Courts-Martial United States, 1984 (MCM)	N/A
Naval Military Personnel Manual (MILPERSMAN)	NAVPERS 15560
Disbursing, Administrative, and Personnel Manual (DAPMAN)	NAVSO P-3680
Field Law Library Program	JAGINST 5070.1
Manual of the Judge Advocate General (JAGMAN), Chaps 1, 7, 9, and 10	JAGINST 5800.7
Naval Legal Service Office Manual	NAVLEGSVCCOMINST 5800.1
Naval Legal Service Command Productivity Report	NAVLEGSVCCOMINST 5800.3
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Navy Law Enforcement Manual, Chap 4	OPNAVINST 5580.1
Department of the Navy Corrections Manual, Chaps 7 and 8	SECNAVINST 1640.9
Department of the Navy File Maintenance Procedures and Standard Identification Codes	SECNAVINST 5210.11
Navy and Marine Corps Records Disposition Manual	SECNAVINST 5212.5
Department of the Navy Directives Issuance System	SECNAVINST 5215.1
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
LN2	
Manual of the Judge Advocate General (JAGMAN), Chaps 5 and 6	JAGINST 5800.7
Military Justice Regulations	JAGINST 5810.2

LEGALMAN (LN)

REFERENCE TITLE	IDENTIFYING NUMBER
Standardization of General Courts-Martial and Special Courts-Martial Records of Trial	JAGINST 5813.1
Post-Trial Checklists	JAGINST 5814.1
Alcohol and Drug Abuse Prevention and Control	OPNAVINST 5350.4
Navy Law Enforcement Manual, Chap 17	OPNAVINST 5580.1
Department of the Navy Freedom of Information Act (FOIA) Program	SECNAVINST 5720.42
Department of the Navy Clemency and Parole Systems	SECNAVINST 5815.3
LN1	
Naval Telecommunications Procedures	NTP-3
PN 1&C, Chap 5	(TRAMAN - See NAVEDTRA 12061)
A Uniform System of Citation (15th Ed), Harvard Law Review Association, Cambridge, Mass, 1981	N/A
Effective Legal Research (4th Ed), Price, Bitner, and Bysiewicz, Boston, Mass, 1979	N/A
Manual of the Judge Advocate General (JAGMAN), Chaps 2 and 8	JAGINST 5800.7
Criminal Activity, Disciplinary Infractions and Court-Martial Report	JAGINST 5800.9
Procedures Applicable to Courts of Inquiry and Administrative Fact-Finding Bodies That Require a Hearing	JAGINST 5830.1
Administrative Processing and Consideration of Claims on Behalf of and Against the United States	JAGINST 5890.1
Accounting for Claims, Defense Appropriation Funds	JAGINST 7100.3
Navy Law Enforcement Manual, Chap 15	OPNAVINST 5580.1
LNC	
Manual of Navy Total Force Manpower Policies and Procedures	OPNAVINST 1000.16
Navy Law Enforcement Manual, Chap 2	OPNAVINST 5580.1

MASTER-AT-ARMS (MA)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
MA3 MA2	MA2, 1&C, Vols 1&2 TRAMANS MA2 NRTC	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
MA1	MA2, 1&C, VOLS 1&2 TRAMANS MA1 NRTC		
MAC	MA2, 1&C, VOLS 1&2 TRAMANS MAC NRTC		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
MA3	
Combatting Terrorism Program	SECNAVINST 3300.2
Criminal and Security Investigations Within the Department of the Navy	SECNAVINST 5520.3
Customs Inspection	OPNAVINST 5840.3
Defense Reutilization and Marketing Manual	DOD Directive 4160.21-M
Department of the Navy Corrections Manual	SECNAVINST 1640.9
Drill and Ceremonies Manual and Interior Guard Manual	SECNAVINST 5060.22
Federal Magistrates Act; Implementation by Department of the Navy	SECNAVINST 5822.1
Guide for Administration of Detention Facilities	OPNAVINST 1640.9
Instructions for Administering Correctional Custody	SECNAVINST 1640.7
Issuance of Navy Traffic Safety Program	OPNAVINST 5100.12
Management, Acquisition, and Use of Motor Vehicles	DOD Directive 4500.36-R
Manual for Courts-Martial 1984	
Manual for Operation of a Waterfront Brig/Custody Unit	OPNAVINST 1640.7
Manual of the Judge Advocate General	JAGINST 5800.7
Military Working Dog Manual	OPNAVINST 5585.2
Mishap Investigation and Reporting	OPNAVINST 5102.1
Motor Vehicle Traffic Supervision	OPNAVINST 11200.5
Navy Combatting Terrorism Program	OPNAVINST 3300.53
Navy Law Enforcement Manual	OPNAVINST 5580.1
Navy Lock and Key Control Guide (Ashore), DON June 1988	Available from: Naval Civil Engineering Laboratory, Code L56, Port Hueneme, CA 93043
Navy Reports and Forms Preparation, Guide for the Naval Security Force	Available from: CNO N09N/NIS-24 Code 24/X32B, Washington, DC, 20388-5024
Physical Security and Loss Prevention Manual	OPNAVINST 5530.14
Small Arms and Weapons Management Policy and Guidance	NAVSEAINST 8370.2
Small Arms Training and Qualification	OPNAVINST 3591.1

MASTER-AT-ARMS (MA)

REFERENCE TITLE	IDENTIFYING NUMBER
Standard Procedure for Registration and Marking of Non-government Owned Motor Vehicles	OPNAVINST 5560.10
Standard Organization and Regulations of the U.S. Navy	OPNAVINST 3120.32
U.S. Navy Regulations 1990	
Use of Deadly Force and the Carrying of Firearms by Personnel of the Department of the Navy in Conjunction with Law Enforcement, Security Duties, and Personal Protection	SECNAVINST 5500.29
Uniform Regulations	NAVPERS 15665
MA2	
No Additional Bibliography for MA2. MA3 bibliography applies for MA2 Study.	
MA1	
Authority of Military Commanders to Issue Security Orders and Regulations for the Protection or Security of Property or Places Under their Command	SECNAVINST 5511.36
Alcohol and Drug Abuse Prevention and Control	OPNAVINST 5350.4
Cooperation with Civilian Law Enforcement Officials	SECNAVINST 5820.7
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Guidelines for Handling Dissident and Protest Activities Among Members of the Armed Forces	OPNAVINST 1620.1
Military Support of Civil Defense	DOD Directive 3025.10
Occupational Safety and Health Program Manual	OPNAVINST 5100.23
Physical Security and Loss Prevention Manual, for Conventional Arms, Ammunition, and Explosives	OPNAVINST 5530.13
Transportation and Travel Highways for National Defense	OPNAVINST 11200.1
MAC	
Compendium of Reference Material	Available from: CNO N09N/NIS-24, Code 24/X32B, Washington, DC, 20388-5024
JAGNOTE 5800	Article 0134
Navy Law Enforcement Equipment Manual	Available from: Naval Civil Engineering Laboratory, Code L56, Port Hueneme, CA 93043
Navy Physical Security Equipment Manual	Available from: Naval Civil Engineering Laboratory, Code L56, Port Hueneme, CA 93043
Navy Public Affairs Regulation	SECNAVINST 5720.44

MOLDER (ML)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
ML3	PM & ML/ML 3&2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
ML2	PM & ML/ML 3&2		
ML1	PM & ML/PM & ML 1&C		
MLC	PM & ML/PM & ML 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
ML3	
Blueprint Reading and Sketching	(TRAMAN-See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Tools	(TRAMAN-See NAVEDTRA 12061)
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat, Volume I, Section B, Chapters B6 and B7	OPNAVINST 5100.19
NSTM	
Chap 613, Wire and Fiber Rope and Rigging, Secs 1.1 - 1.84	NAVSEA S9086-UU-STM-010
Metals Handbook, 8th Ed, Vol 5, Pp 389 through 444	
Patternmakers Guide, 2nd Ed, American Foundrymen's Society, Inc, 1990	
Patternmakers Manual, 2nd Ed, American Foundrymen's Society, Inc, 1986	
Mathematics, Vol 1	(TRAMAN-See NAVEDTRA 12061)
Mathematics, Vol 2	(TRAMAN-See NAVEDTRA 12061)
HT 3&2	(TRAMAN-See NAVEDTRA 12061)
MR	(TRAMAN-See NAVEDTRA 12061)
ML2	
NSTM	
Chap 670, Stowage, Handling, and Disposal of Hazardous General Use Consumables, Secs 3.17 - 3.20	NAVSEA S9086-WK-STM-010
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat, Volume III, Section D, Chapter D3	OPNAVINST 5100.19
Iron Castings Handbook, Chaps 1 -10, and 12	
Analysis of Casting Defects, 4th Ed	
ML1	
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat, Volume I, Section B, Chapters B10 and B11; Volume II, Section C, Chapters C11 and C23	OPNAVINST 5100.19
Quality Assurance Manual developed in accordance with	SECNAVINST 4855.1
Metals Handbook, 8th Ed, Vol 5, Pp 149 - 444	

MOLDER (ML)

REFERENCE TITLE	IDENTIFYING NUMBER
MLC	
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat	OPNAVINST 5100.19

MACHINIST'S MATE (MM)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
MM3	MM 3&2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
MM2	MM 3&2		
MM1	Engineering Administration		
MMC	Engineering Administration		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
MM3	
Blueprint Reading and Sketching	(TRAMAN-See NAVEDTRA 12061)
Fluid Power	(TRAMAN-See NAVEDTRA 12061)
Refrigeration Systems	(TRAMAN-See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Tools	(TRAMAN-See NAVEDTRA 12061)
NSTM	
Chap 074, Vol 3, Rev 1, Gas Free Engineering	NAVSEA S9086-CH-STM--030
Chap 078, Gaskets, Packings, and Seals	NAVSEA S9086-CM-STM--000
Chap 079, Vol 2, Damage Control - Practical Damage Control	NAVSEA S9086-CN-STM--020
Chap 079, Vol 3, Damage Control - Engineering Casualty Control	NAVSEA S9086-CN-STM--030
Chap 085, Allowances, Issues, Expenditures of Material, and Repair Parts	NAVSEA S9086-CS-STM--000
Chap 090, Inspections, Tests, Records, and Reports, Rev 1	NAVSEA S9086-CZ-STM--000
Chap 220, Vol 1, Boiler Water/Feedwater - Water Chemistry	NAVSEA S9086-GX-STM--010
Chap 220, Vol 2, Boiler Water/Feedwater - Test and Treatment	NAVSEA S9086-GX-STM--020
Chap 221, Boilers	NAVSEA S9086-GY-STM--000
Chap 231, Propulsion Turbines (Steam)	NAVSEA S9086-G9-STM--000
Chap 244, Bearings	NAVSEA S9086-HN-STM--000
Chap 245, Propellers	NAVSEA S9086-HP-STM--000
Chap 254, Condensers, Heat Exchangers, and Air Ejectors	NAVSEA S9086-HY-STM--000
Chap 255, Vol 2, Feedwater System and Apparatus	NAVSEA S9086-HZ-STM--020
Chap 262, Lubricating Oils, Greases, and Hydraulic Fluids and Lubrication Systems	NAVSEA S9086-H7-STM--000
Chap 302, Electric Motors and Controllers	NAVSEA S9086-KE-STM--000

MACHINIST'S MATE (MM)

REFERENCE TITLE	IDENTIFYING NUMBER
Chap 310, Electric Power Generators and Conversion Equipment	NAVSEA S9086-KN-STM--000
Chap 320, Electric Power Distribution Systems	NAVSEA S9086-KY-STM--000
Chap 502, Auxiliary Steam Turbines	NAVSEA 0901-LP-5000-0002
Chap 503, Pumps	NAVSEA S9086-RH-STM--000
Chap 505, Piping Systems	NAVSEA S9086-RK-STM--010
Chap 510, Ventilating, Heating, Cooling, and Air Conditioning Systems for Surface Ships	NAVSEA S9086-RO-STM--000
Chap 516, Refrigeration Systems	NAVSEA S9086-RW-STM--010
Chap 531, Sec 2, Vapor Compression Distilling Plants	NAVSEA S9086-SC-STM--020
Chap 533, Potable Water Systems	NAVSEA S9086-SE-STM--010
Chap 551, Compressed Air Plants and Systems	NAVSEA S9086-SYSTM--010
Chap 555, Firefighting - Ships	NAVSEA S9086-S3-STM--010
Chap 556, Hydraulic Equipment (Power Transmission and Control)	NAVSEA S9086-S4-STM--000
Chap 561, Submarine Steering and Diving Systems	NAVSEA S9086-S9-STM--000
Chap 562, Surface Ship Steering Systems	NAVSEA S9086-TA-STM--000
Chap 593, Pollution Control	NAVSEA S9086-T8-STM--000
Chap 635, Thermal, Fire and Acoustic Insulation	NAVSEA S9086-VH-STM--000
Chap 655, Laundry	NAVSEA S9086-VA-STM-000
Chap 670, Stowage, Handling, and Disposal of Hazardous General Use Consumables	NAVSEA S9086-WK-STM--000
Chap 9340, Commissary Equipment	NAVSEA 0901-LP-340-0001
Chap 9420, Propulsion Reduction Gears, Couplings, and Associated Components	NAVSEA 0901-LP-420-0002
Chap 9430, Shafting, Bearings, and Seals	NAVSEA 0901-LP-430-0012
Chap 9580, Sec 1, Distilling Plants Low Pressure Submerged Tube Steam Plants	NAVSEA 0901-LP-430-0012
Environmental and Natural Resources Protection Manual	OPNAVINST 5090.1
Standard Organization and Regulations of the U.S. Navy, Chap 4	OPNAVINST 3120.32
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat	OPNAVINST 5100.19
Shipboard Heat Stress Control and Personnel Protection	OPNAVINST 5100.20
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4
Standard Navy Valves	NAVSEA 0948-012-5000
U.S. Navy Oil Spill Containment and Clean-up Kit	NAVSEA 0994-LP-013-6010
Maintenance Manual for Morpholine Condensate Treatment System	S9255-AE-MM0-010

MACHINIST'S MATE (MM)

REFERENCE TITLE	IDENTIFYING NUMBER
Valves, Traps and Orifices (Non-Nuclear); Vol 1, Users Guide and General Information	S9253-AD-MMM-010
Valves, Traps and Orifices (Non-Nuclear); Vol 13, Pressure Reducing Valves, Actuators and Relief Valves	S9253-AD-MMM-130
Technical Directives for Piping Devices, Flexible Hose Assemblies, Vol 1	S6430-AE-TED-010
Technical Directives for Piping Devices, Flexible, Vol 2	S6430-AE-TED-020
Engineer's Bell Book	NAVSHIPS 3120/1
MM2	
NSTM	
Chap 491, Electrical Measuring and Test Instruments	NAVSEA S9086-05-STM-000
Chap 504, Pressure, Temperature, and Other Mechanical and Electromechanical Measuring Instruments	NAVSEA S9086-RJ-STM-000
Chap 550, Industrial Gases; Generating, Handling, and Storage	NAVSEA S9086-SX-STM-000
Chap 572, Shipboard Stores and Provision Handling	NAVSEA S9086-TL-STM-000
Chap 573, Booms	NAVSEA S9086-TM-STM-000
Chap 581, Anchors and Anchoring	NAVSEA S9086-TV-STM-000
Chap 589, Cranes	NAVSEA S9086-T4-STM-010
Chap 772, Cargo and Weapons Elevators	NAVSEA S9086-ZN-STM-000
Chap 9830, Elevators	NAVSHIPS 0901-830-0002
King Nutronics 3558 Pressure-Vacuum Chamber	MFG PUB KNC 3558-39-1
Metrology Requirements List (METRL)	NAVAIR 17-35-MTL-1
Metrology Automated System for Uniform Recall and Reporting (Measure) Users Manual	OPNAV OP43P6
Surface Ship Damage Control	NWP-62-1(B)
Thermo Unit Mod 3604-1-101 Portable Temperature Comparator	NAVSEA ST750-AH-OSM-000
Quality Assurance Manual - Developed in Accordance with SECNAVINST 4855.1	
MM1	
Naval Safety Supervisor	(TRAMAN-See NAVEDTRA 12061)
NSTM	
Chap 080, Publications and Drawings	NAVSEA S9086-CP-STM-000
Chap 094, Trials	NAVSEA S9086-C4-STM-000
Full Power and Economy Trial Requirements for Non-Nuclear Surface Ship Classes	OPNAVINST 9094.1
Guide for User Maintenance of NAVSEA Technical Manuals	NAVSEA S0005-AA-GYD-030/TMMP

MACHINIST'S MATE (MM)

REFERENCE TITLE	IDENTIFYING NUMBER
Principles of Naval Engineering	(TRAMAN-See NAVEDTRA 12061)
MMC	
NSTM	
Chap 077, Personnel Protection Equipment	NAVSEA S9086-CL-STM-000
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
Engineering Department Organization Manual for Non-Nuclear Steam Propulsion Ships of the Naval Surface Force	COMNAVSURPACINST 3540.13/ COMNAVSURFLANTINST 3540.14
Engineering Department Organization and Regulations Manual (EDORM)	COMNAVSURFLANTINST 3540.18
Operational Reports	NWP-10-1-10
Ship Configuration and Logistics Support Information System	NAVSEA T0752-AA-MAN-010 through 040
Trials, Acceptance, Commissioning, Fitting Out, of U.S. Naval Ships Undergoing Construction/Conversion/ Modernization	OPNAVINST 4700.8

MINEMAN (MN)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
MN3	MN 3&2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
MN2	MN 3&2		
MN1/MNC	MN 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
MN3	
Afloat Supply Procedures, Chaps 3, 5, and 6	NAVSUP P-485
Ammunition and Explosives Ashore, Safety Regulations for Handling, Storing, Production, Renovation, and Shipping, Vol 1	NAVSEA OP 5
Approved Handling Equipment for Weapons and Explosives, Vol 1	NAVSEA OP 2173
Approved Handling Equipment for Weapons and Explosives, Vol 2	NAVSEA OP 2173
Authorized Technical Documents; Authorized Configuration Data for Underwater Mines	NAVSEA SW550-FO-IDX-020
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Destructors, Mark 36, 40, 41, and M117D Mark 59, and Mines, Underwater, Mk 62, 63, and 64; Description, Assembly, and Test	NAVSEA SW551-A2-MMI-010
General Instructions; Cross-References; Authorized Configuration for Underwater Mines	NAVSEA SW550-FO-IDX-010
Guidelines for Personnel Assigned in Support of Mine Warfare Exercise and Training (ET) Operations	COMOMAGINST 3120.2
Handling Ammunition, Explosives, and Hazardous Materials with Industrial Materials-Handling Equipment	NAVSEA OP 4098
Handling, Packaging, Storing, and Transportation of Underwater Mines and Destructors for Shore-Based/Shipboard Operations	NAVSEA SW023-AB-WHS-010
Instrument Rack Subassemblies for Mines Mk 56 and Mk 57; Description, Maintenance, and Class-B Criteria	NAVSEA SW550-AA-MMI-040
Mine Components A through C; Description and Class-B Criteria	NAVSEA SW550-AA-MMI-010

MINEMAN (MN)

REFERENCE TITLE	IDENTIFYING NUMBER
Mine Components D through F; Description and Class-B Criteria	NAVSEA SW550-AA-MMI-020
Mine Components G through W; Description and Class-B Criteria	NAVSEA SW550-AA-MMI-030
Mine, Underwater, Mark 56 Mod 0	NAVSEA SW551-B0-MMI-010
Mine, Underwater, Mk 60, Mods 0 and 1; Description	NAVSEA SW550-A1-MMI-010
Mine, Underwater, Mk 60 Mods 0 and 1; Organizational Level Procedures: Operational Settings, Change of Launch Configuration, and Repair and Refurbishment, Vol 1	NAVSEA OP 4370
Mine, Underwater, Mk 60 Mods 0 and 1; Organizational Procedures: On-board Preparation and Planting from Surface Ships, Vol 2	NAVSEA OP 4370
Mine, Underwater, Mk 60 Mods 0 and 1; System Description and Operational Characteristics of U.S. Navy Mines, Vol 5	NAVSEA OP 2637
Mine, Underwater, Mark 65 Mods 0 and 1; Description and Procedures, Intermediate Maintenance Activity	NAVSEA SW551-A3-MMI-010
Mine, Underwater, Mk 67 Mod 2; Description, Upgrading, Downgrading	NAVSEA OP SW553-B2-MMI-010
Mine, Underwater, Mk 67 Mod 2; Maintenance	NAVSEA SW553-B2-MMI-020
Mine, Underwater, Mk 67 Mod 2; Ancillary Equipment	NAVSEA SW553-B2-MMI-030
Mines, Underwater: Actuation; Description, Assembly, and Test	NAVSEA SW550-AE-MMI-040
Mines, Underwater: Exercise and Training; Description and Class-B Criteria	NAVSEA SW550-AE-MMI-010
Mines, Underwater, Exercise and Training (ET); Class-B Test and Refurbishment	NAVSEA OP SW550-AE-MMI-020
Mines, Underwater: Handling, Shop, Mechanical Sweep, and Hunting; Description and Assembly	NAVSEA SW550-AE-MMI-060
Mines, Underwater: Laying; Description, Assembly, and Disassembly	NAVSEA SW550-AE-MMI-050
Mines, Underwater, Mk 60 Mods 0 and 1; Launch Gear Conversion Procedures, Vol 2, Pt 7	NAVSEA OP 4372
Motor Vehicle Driver's Handbook, Ammunition, Explosives, and Hazardous Materials	NAVSEA OP 2239
Mines, Underwater, Mk 60 Intermediate Level Procedures Procedural Information, Vol 1	NAVSEA OP 4372
Periodic Testing Arrangements for Ordnance-Handling Equipment	NAVSEA SG420-AP-MMA-010

MINEMAN (MN)

REFERENCE TITLE	IDENTIFYING NUMBER
Programmer, Preset Monitor, Mk 10 Mods 1 and 2, and Battery Charger, Mk 12 Mod 1; Mine, Underwater, Mk 60 Mods 0 and 1 Ancillary Equipment; Description and Procedures, Vol 3	NAVSEA OP 4373
System Descriptions and Operational Characteristics of U.S. Naval Mines, Mine, Mk 67 Mod 2, Vol 7	NAVSEA OP 2637
Underwater Mine Maintenance System	NAVSEA SW550-FO-PMS-010
System Description and Operational Characteristics of U.S. Naval Mines, Vol 1	OP 2637
Transportation and Storage Data for Ammunition, Explosives, and Related Hazardous Materials, Vol 1	NAVSEA SW020-AC-SAF-010
Transportation and Storage Data for Ammunition, Explosives, and Related Hazardous Materials, Vol 2	NAVSEA SW020-AC-SAF-020
Transportation and Storage Data for Ammunition, Explosives, and Related Hazardous Materials, Vol 3	NAVSEA SW020-AC-SAF-030
Technical Manual for Mine, Underwater Mk 60 Mod 1, Description	NAVSEA SW550-A1-MMI-010
Mobile Mine Assembly Group Supply Procedures	COMOMAGINST 4000.1
Versatile Exercise Mine, Mk 74 Mod 0; Description and Maintenance	NAVSEA SW550-AE-MMI-070
MN2	
Mine Warfare Exercise and Training (ET) Material Maintenance and Refurbishment	COMOMAGINST 8550.14
Mine Warfare Exercise and Training (ET) Post-Exercise Reporting	COMOMAGINST 8550.1
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
Product Quality Program Requirements for Acquisition of Naval Sea Systems Command Material	NAVSEA OD 46574
Naval Ordnance Activity Quality Assurance Procedures for Fleet Activities	NAVSEA QAP 100
Navy-Marine Corps Standard Subject Classification System	SECNAVINST 5210.11
On-Station Movement of Ammunition and Explosives by Truck and Railcar	NAVSEA OP 4461
Supply Management of Ammunition: Conventional Ammunition Integrated Management System (CAIMS)	SPCCINST 8010.12
Telecommunications Users Manual	NTP 3
Guidance on Mine Bill of Material (MBOM) and Change Requests	COMOMAGINST 8550.13
U.S. Navy Safety Policies, Requirements, and Procedures (Department of the Navy Explosives Safety Policy Manual)	OPNAVINST 8023.2

MINEMAN (MN)

REFERENCE TITLE	IDENTIFYING NUMBER
MN1	
Mobile Mine Assembly Group Organization Manual	COMOMAGINST 5400.1
Mishap Investigation and Reporting	OPNAVINST 5102.1
Service Mine Maintenance Workload Schedule	COMOMAGINST 8550.4
Status of Resources and Training System (SORTS)	NWP 10-1-11
MNC	
Naval Safety Supervisor	(TRAMAN--See NAVEDTRA 12061)
Standard Procedures for Initiating and Processing Work Orders	COMOMAGINST 4850.1
Standard Production and Processing Procedures for Mines	COMOMAGINST 8550.12
United States Navy Regulations, 1990	
Standard Organization and Regulations of the U.S. Navy	OPNAVINST 3120.32
Department of the Navy Directives Issuance System	SECNAVINST 5215.1

MACHINERY REPAIRMAN (MR)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
MR3	MR/MR3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
MR2	MR/MR2, 1, & C		
MR1	MR/MR2, 1, & C		
MRC	MR/MR2, 1, & C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
MR3	
Blueprint Reading and Sketching, Chaps 1-4	(TRAMAN-See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Tools	(TRAMAN-See NAVEDTRA 12061)
Mathematics, Vol 1, Chaps 1 through 6, 9, 13, and 17 through 19	(TRAMAN-See NAVEDTRA 12061)
Machinery's Handbook, 23rd Ed, Pp 863-866, 962, 997-998, 1026-1030, and 1244-1247	
COMNAVSURFLANTINST 9090.2 COMNAVSURPACINST 4855.1B	
Brush Electroplating on Marine Machinery	MIL-STD-2197 (SH)
Studs, Bolts, Hex Cap Screws, Socket Head Cap Screws, and Nuts	MIL-S-1222 H
Ship Metallic Material Comparison and Use Guide	NAVSHIPS 0900-038-8010
American Society of Mechanical Engineers, Chaps 1-4	ASME B1.1 - 1989
Lubricating Oil, Greases and Hydraulic Fluids, Pp 1 through 10, and 16	NSTM S9086-H7-STM-010
MR2	
Mathematics, Vol 2-A, Chap 3	(TRAMAN-See NAVEDTRA 12061)
Machinery's Handbook, 23rd Ed, Pp 74, 75, 515-519, 707-711, 1035-1037, 1085-1087, and 2017-2018	
Valves, Traps, and Orifices, Pp 6-20 through 6-28 and 6-50 through 6-57	NAVSEA S9253-AD-MMM-010
MR1	
Quality Assurance Manual	Developed in accordance with SECNAVINST 4855.1
NO ADDITIONAL BIBLIOGRAPHY FOR MRC	

MESS MANAGEMENT SPECIALIST (MS)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
MS3	MS TRAMAN/MS 3&2 NRTC	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
MS2			
MS1	MS TRAMAN/MS 1&C NRTC		
MSC			

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
MS3	
Navy Customer Service Manual	(TRAMAN - See NAVEDTRA 12061)
Food Service Management, Vol I, Chaps 1, 4-7	NAVSUP P-486
Food Service Management, Vol II	NAVSUP P-486
Foodservice Operations	NAVSUP P-421
Manual of Preventive Medicine	NAVMED P-5010
Navy Bachelor Quarters Manual	NAVPERS 15606
Armed Forces Recipe Service	NAVSUP P-7
Standards of Food Service	NAVSUPINST 4061.11
Military Handbook, Food Service Equipment	MI-HDBK-1119
Federal Supply Catalog	FSC Group 89
Navy Food Service	NAVSUP P-476
Navy Food Service Systems Office Fat, Cholesterol, and Calorie List for General Messes	NAVSUP P-580
MS2	
Afloat Supply Procedures	NAVSUP P-485
Ship's Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4
Enlisted Dining Facility Master-at-Arms Handbook	NAVSUP P-520
MS1	
Adequacy, Assignment and Utilization of Bachelor Quarters (BQ)	OPNAVINST 11103.1
Financial Management Policies and Procedures for MWR Programs	NAVSO P-3520
MSC	
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
Operation of Navy Messes Ashore and Package Stores, 1988	BUPERSINST 1710.13
Manual for Messes Ashore	NAVPERS 15951

MISSILE TECHNICIAN (MT)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

NOTE: THERE ARE NO MANDATORY (*) PROFESSIONAL TRAMAN/NRTC REQUIREMENTS

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
MT3	
(WS) SWS/FBM Documentation Requirements List	OD 43853
(WS) Weapon System Standard Operating Procedures (SOPs):	
a. (TRIDENT-I) SSBN 726 Class SWS (C-4)	OD 46190
b. (TRIDENT-II) SSBN 726 Class SWS (D-5)	OD 56508
(WS) Weapons Officer's Guide:	
a. (TRIDENT-I) Officer's Guide for SSBN 726 Strategic Weapon System (C-4)--Vol 2 Operating Concepts and Vol 3 Fire Control System Concepts	OD 46199
b. (TRIDENT-II) Officer's Guide for SSBN 726 Class Strategic Weapons System (D-5)--Vol 2 Operating Concepts and Vol 3 Fire Control System Concepts	OD 56515
(WS) SWS Trouble and Failure Report Symbol Sheets	(TRIDENT-I) OD 53504 (TRIDENT-II) OD 53505
(WS) Substitution Guide for Test and Measurement Equipment for TRIDENT SWS and FBM Weapon System	OD 55551
(WS) Automated Trouble and Failure Report Program User Guide	OD 59236
(WS) FBM and SWS Weapon System TFR Program	SP 3100.1
(WS) Teleprinter MK 1, MODS 0, 1, 3, and 4--Vol 1	OP 3084
(WS) TRIDENT-I Strategic Weapon System (SWS)--Vol 1	OP 4531
(WS) TRIDENT-II Strategic Weapon System (SWS)--Vol 1	OP 4611
(WS) Standard Maintenance Procedures (SMPs):	
a. SSBN TRIDENT SWS Standard Maintenance Procedures	OP 4429
b. SSBN TRIDENT II Standard Maintenance Procedures	OP 4603

MISSILE TECHNICIAN (MT)

REFERENCE TITLE	IDENTIFYING NUMBER
(WS) In-place Calibration Procedures:	
a. TRIDENT I SSBN In-place Calibration Procedures	OP 4642
b. TRIDENT II SSBN In-place Calibration Procedures	OP 4644
(WS) Maintenance Support Data System (MSDS)	OP 4651
(WS) SSBN Preventive Maintenance Management Plan (PMMP):	
a. Vol 3--Fire Control Equipment Quarterly Schedule	
b. Vol 4--Missile/Launcher Equipment Quarterly Schedule	
c. Vol 6--Pressure/ Temperature Sensing Device In-place Calibration Schedule	
(LCHR)(TRIDENT-I) Launcher Subsystem MK 35 MOD 0--Vol 1	OP 4476
(LCHR)(TRIDENT-I) Missile Ejector Group MK 9 MOD 0	OP 4478
(LCHR)(TRIDENT-I) Launch Tube Group MK 14 MOD 0	OP 4479
(LCHR)(TRIDENT-II) Launcher Subsystem MK 46 MOD 0--Vol 1	OP 4621
(LCHR)(TRIDENT-II) Missile Ejector Group MK 18 MOD 0	OP 4623
(FC) Fire Control Subsystem Ordnance Pamphlets (OPs):	
a. (TRIDENT-I) Fire Control System, TRIDENT I, MK 98 Mod 0--Vols 1 through 5, and 9	OP 4400
b. (TRIDENT-II) Fire Control System, TRIDENT II, MK 98 Mod 1--Vols 1 through 4	OP 4614
(GUID) Guidance System MK 5 MOD 0	OP 4309
(MSL) Missile Test and Readiness Equipment MK 6 MOD 3/4--Vol 1	OP 3670
(MSL) Missile Test and Readiness Equipment MK 7 MOD 2/4--Vol 1	OP 3671
(MSL) Missile Test and Readiness Equipment MK 7 Alternate Digital Multimeter	OP 4601

MISSILE TECHNICIAN (MT)

REFERENCE TITLE	IDENTIFYING NUMBER
(MSL) TRIDENT-I Missile UGM-96A Missile Description	OP 4433
(MSL) TRIDENT-II Missile UGM-133A Missile Description	OP 4617
(MSL) TRIDENT II Missile UGM-133A Missile Test and Readiness Equipment, MK 9 and MK 10--Vol 1	OP 4618
SSBN 726 Class Strategic Weapon System Support Systems Manual (SWSSSM) C4/D5	
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
Nuclear Weapons Manual	COMSUBLANT/COMSUBPACINST 8120.2
NEETS--Mods 1 through 8, 13-17, 19, 21, and 22 (Choose appropriate module)	(TRAMAN--See NAVEDTRA 12061)
Afloat Supply Procedures	NAVSUP P-485
MT2	
(WS) System One Function Diagrams:	
a. (TRIDENT-I) SSBN 726 Class TRIDENT I Strategic Weapon System	OD 48763
b. (TRIDENT-II) SSBN 734-746 TRIDENT II Strategic Weapon System	OD 59273
(WS) Teleprinter MK 1, MODS 0, 1, 3, and 4--Vol 2	OP 3084
(WS) TRIDENT-I Strategic Weapon System (SWS)--Vols 2 through 4	OP 4531
(WS) TRIDENT-II Strategic Weapon System (SWS)--Vols 2 through 4	OP 4611
(WS) Fault Indication Index and Fault Isolation Procedures:	
a. TRIDENT-I SWS	OP 4490
b. TRIDENT-I SWS	OP 4491
c. TRIDENT-II SWS	OP 4612
d. TRIDENT-II SWS	OP 4613
(LCHR) Replacement of Helical Coil and Key-Locked Screw Thread Inserts	OD 58509
(LCHR) Charging Equipment for POLARIS/POSEIDON FBM and TRIDENT SWS Launcher Liquid Springs and Leveling Systems Description, Operation, and Maintenance	OP 3382
(LCHR) TRIDENT-I Launcher Subsystem MK 35 MOD 0--Vols 2 through 4	OP 4476

MISSILE TECHNICIAN (MT)

REFERENCE TITLE	IDENTIFYING NUMBER
(LCHR) Launcher Control Group MK 13 MOD 0	OP 4477
(LCHR) TRIDENT-II Launcher Control Group MK 157 MOD 0	OP 4624
(LCHR) TRIDENT-II Launcher Subsystem MK 46 MOD 0--Vols 2 through 4	OP 4621
(FC) Fire Control Subsystem Ordnance Pamphlets (Ops):	
b. (TRIDENT-I) Fire Control System, TRIDENT I, MK 98 Mod 0--Vols 6 through 8, 10 and 11	OP 4400
c. (TRIDENT-II) Fire Control System, TRIDENT II, MK 98 Mod 1--Vols 5 and 6	OP 4614
(FC) Wire Wrap Procedures	OD 23446
(FC) Cable and Connector Repair	OD 45879
(MSL) Missile Test and Readiness Equipment MK 6 MOD 3/4--Vol 2	OP 3670
(MSL) Missile Test and Readiness Equipment MK 7 MOD 2/4--Vols 2 through 6	OP 3671
(MSL) TRIDENT II Missile UGM-133A Missile Test and Readiness Equipment, MK 9 and MK 10--Vols 2 through 6	OP 4618
(MSL) C-4 Missile Service Log	OD 45926
(MSL) D-5 Missile Service Log	OD 56288
Navy Nuclear Weapons Security Manual	OPNAVINST C8126.1
Nuclear Weapons Radiological Controls Program	NAVSEA TW120-AA-PRO-010
AN/PDR-27R Radiac Set, Technical Manual	NAVELEX EE710-BA-OMI-010/8153 PDR27R
AN/PDR-56H Radiac Set, Technical Manual	SPAWAR EE730-MA-OMI-010/8153-PDR56
AN/PDR-73 Radiac Set, Technical Manual	NAVELEX EE730-HA-OMI-010/8153 PDR73
Fluid Power	(TRAMAN--Se EDTRA 12061)
SWOP	0-1
SWOP	0-1B
SWOP	5-8
SWOP	20-7
VALVE SHIP NON-PRIMARY PLANT	S6435-QA-MMA-010
MT1	
(WS) Strategic Weapon System Onboard Training Program User's Manual	OD 56989
(WS) Life Cycle Support Procedures for FBM and TRIDENT Test and Measurement Equipment	OD 55373
(WS) Life Cycle Support Procedures for FBM and TRIDENT Test and Measurement Equipment	SP 4200.7

MISSILE TECHNICIAN (MT)

REFERENCE TITLE	IDENTIFYING NUMBER
(WS) FBM Weapon System Test Instrumentation Calibration Recall Procedures	SP 4355.1
(WS) TRIDENT-I FCS Software Kit Logistics Management	SP 4423.61
(WS) TRIDENT-II FCS Software Kit Logistics Management	SP 4423.71
(WS) Strategic Weapon System Welding Limitations and Restrictions	SP 9000.5
(WS) Weapons Officer's Guide: a. (TRIDENT-I) Officer's Guide for SSBN 726 Strategic Weapon System (C-4)--Vol 4 Pts 1 and 2 Casualty Manual b. (TRIDENT-II) Officer's Guide for SSBN 726 Class Strategic Weapons System (TRIDENT II)--Vol 4 Pts 1 and 2 Casualty Manual	OD 46199 OD 56515
(WS) SSBN Preventive Maintenance Management Plan (PMMP) Vol 1--Weapon System Schedule	
(WS) SSBN Preventive Maintenance Management Plan (PMMP)--Weapon System and In-place Calibration Schedule	
(WS) FCA METRL	OD 45854
(WS) Metrology Requirements List	OD 45845
(WS) Policies and Procedures for Alteration of FBM and SWS Equipment	SP 4720.1
(MSL) TRIDENT-I Missile UGM-96A Damaged Missile Handling Criteria	OD 50046
(MSL) TRIDENT-II Missile UGM-133A Damaged Missile Handling Criteria	OD 56581
Submarine Force Quality Assurance Manual	COMSUBLANT/COMSUBPACINST 4855.2
FBM Calibration Program	OD 30354
MTC	
(WS) TRIDENT Calibration Support Responsibilities for Test and Measurement Equipment at Subase Bangor and Kings Bay	SP 4355.8
(MSL) POLARIS/POSEIDON/TRIDENT Missile Test Correlation Data	OD 41511
Shipboard Security Engagement Weapons (SSEW)	
Shipboard Security Engagement Tactics (SSET)	

MUSICIAN (MU)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
MU3	NO MANDATORY REQUIREMENTS		
MU2			
MU1			
MUC			

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
MU3	
Basic Music (excluding App C)	(TRAMAN--See NAVEDTRA 12061)
Basic Music (Navy) - Apps D and F	(TRAMAN--See NAVEDTRA 12061)
Harmony - Chaps 1 through 7	(TRAMAN--See NAVEDTRA 12061)
Ceremonial music, DOD and/or USN eds Melodic lines only to: "Star Spangled Banner" "Ruffles and Flourishes" "Admiral's or Flag Officer's March" "General's March" "Honors March" "Hail, Columbia!" "Hail to the Chief"	
Navy Song Book - Melodic lines only to songs: 2, 5, 16, 17, 19, 56, and 61	NAVPERS 15047
MU2	
Harmony - Chaps 8 and 9	(TRAMAN--See NAVEDTRA 12061)
United States Navy Regulations, 1990 - Chap 12, Arts 1204 through 1206 and 1281 only	
Ceremonial Music, DOD and/or USN eds - "Star Spangled Banner" (conductor's score)	
MU1	
Basic Music - App C	(TRAMAN--See NAVEDTRA 12061)
Basic Music (Navy) - App E	(TRAMAN--See NAVEDTRA 12061)
Harmony - Chaps 10 through 14	(TRAMAN--See NAVEDTRA 12061)
YN3 - Chaps 3, 4, 5, and 7	(TRAMAN--See NAVEDTRA 12061)
YN2 - Chap 2	(TRAMAN--See NAVEDTRA 12061)
United States Navy Regulations, 1990 - Chap 12 and Tables 1 through 7	
Marine Corps Drill and Ceremonies Manual - Chaps 10 through 19, 22, and 23	SECNAVINST 5060.22 and NAVMC 2691

MUSICIAN (MU)

REFERENCE TITLE	IDENTIFYING NUMBER
USMC Interior Guard Manual - Sec 4	SECNAVINST 5060.22 and NAVMC 2691A
MUC	
Harmony - Chaps 15 through 18	(TRAMAN--See NAVEDTRA 12061)
Mission and Functions of Official Navy Bands	BUPERSINST 5450.37
Reporting of Missing, Lost, Stolen or Recovered (MLSR) Government Property	SECNAVINST 5500.4
Department of the Navy Public Affairs Policy and Regulations - Arts 0206, 0303e(6), 0307, 0402, 0407, 0411a through 0411d, 0412, 0414a through 0414h, and App C	SECNAVINST 5720.44
Application and Audition Report for the Navy Music Program	SOM 1230/2
Navy Recruiting Manual, Enlisted - Chap 2, Sec II	COMNAVCRUITCOMINST 1130.8
Afloat Supply Procedures - Chap 5, Pt A, Sec III	NAVSUP P-485
Allowance List of Musical Instruments, Accessories and Supplies for Official Navy Unit Bands	NAVPERS 15875
Department of the Navy Correspondence Manual	SECNAVINST 5216.5

NAVY COUNSELOR (COUNSELOR) (NC)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
NC1(C)	NRTC NC 1&C, Part 1 Note: Mandatory for NCC if not completed for NC1	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
NCC(C)			
NC1(C)	NRTC NC 1&C, Part IV Note: Mandatory for NCC if not completed for NC1		
NCC(C)			

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
NC1(C)	
Retention Team Manual	NAVPERS 15878
Career Information Program Management	(TRAMAN--See NAVEDTRA 12061)
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
Human Behavior	(TRAMAN--See NAVEDTRA 12061)
Manual of Advancement	BUPERSINST 1430.16
Navy Customer Service Manual	(TRAMAN--See NAVEDTRA 12061)
Naval Military Personnel Manual (MILPERSMAN) Chaps 10, 26, 36, 38, 50, and 62	NAVPERS 15560C
Enlisted Transfer Manual (TRANSMAN) Chaps 1 thru 11 and 13, 16, 18, and 25	NAVPERS 15909E
Joint Federal Travel Regulations (Chaps 4 and 5)	NAVSO P-6034
Navy Guide for Retired Personnel and Their Families	NAVPERS 15891G
Survivor Benefits Plan (SBP)	NAVMILPERSCOMINST 1750.2
Naval Ready Reserve Incentive Program	OPNAVINST 5300.10
Administrative Procedures for Naval Reservists on Inactive Duty	BUPERSINST 1001.39
Command Advancement Program	BUPERSINST 1430.17
Navy Voluntary Education Programs	CNETINST 1560.3
Veterans' Administration Fact Sheet	VA-IS-1
CHAMPUS Handbook	CHAMPUS 6010.46
Department of Defense Military Pay and Allowance Entitlements Manual (DODPM)	NAVSO P-6048
Personnel Advancement Requirements	BUPERSINST 1418.10
Navy Enlisted Performance Evaluation (EVAL) Manual	BUPERSINST 1616.9
Retired Pay	NAVCOMPTINST 7220.52

NAVY COUNSELOR (COUNSELOR) (NC)

REFERENCE TITLE	IDENTIFYING NUMBER
Journalist 1&C	(TRAMAN--See NAVEDTRA 12061)
Journalist 2	(TRAMAN--See NAVEDTRA 12061)
Catalog of Nonresident Training Courses	NAVEDTRA 12061
Manual of Navy Enlisted Manpower and Classification and Occupational Standards	NAVPERS 18068
Commissioning Programs (CWO/LDO)	BUPERSINST 1131.1
Reemployment Rights and Employment Training	NMPCINST 1571.1
Overseas Living Conditions	NMPCINST 1720.1
Navy-Marine Corps NROTC Scholarship Bulletin (Current Edition)	NROTC BULLETIN
Navy Retention Program	OPNAVINST 1040.6
Naval Reserve Officer Training Programs (NROTC)	OPNAVINST 1120.2
Career Reenlistment Objectives (CREO)	OPNAVINST 1160.4
Reenlistment Quality Control Program	OPNAVINST 1160.5
Enlisted Bonus (SRB) and SDA Pay Programs	OPNAVINST 1160.6
Suitability for Overseas Assignment	OPNAVINST 1300.14
Rating Entry for General Apprentice (REGA)	OPNAVINST 1430.5
Commissioning Programs (Naval Academy & NAPS)	OPNAVINST 1531.4
Navy Enlisted Education Advancement Program (EEAP)	OPNAVINST 1560.8
Navy Voluntary Education Programs (Navy Campus)	OPNAVINST 1560.9
Retired Affairs Program	OPNAVINST 1720.3
Navy Sponsor Program	OPNAVINST 1740.3
Navy Family Ombudsman Program	OPNAVINST 1750.1
Family Service Center Program	OPNAVINST 1754.1
Federally Legislated Educational Benefits Program	OPNAVINST 1780.3
NCC(C)	
Joint Federal Travel Regulations (Chap 2)	NAVSO P-6034
Department of the Navy Directives Issuance System	SECNAVINST 5215.1

NAVY COUNSELOR (RECRUITER) (NC)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
NCC(R)	NC(R) 1&C, Part 1	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
NCC(R)	NC(R) 1&C, Part 2		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
NCC(R)	
Navy Recruiting Manual - Enlisted	COMNAVCRUITCOMINST 1130.8
The Science and Art of Navy Recruiting Manual	COMNAVCRUITCOMINST 1133.6
Enlisted Transfer Manual	NAVPERS 15909D, Chapter 11
Navy and Marine Corps Awards Manual	SECNAVINST 1650.1
Delayed Entry Program (DEP) Leadership Manual	COMNAVCRUITCOMINST 1133.7
Recruiting Qualification Standards - Enlisted	COMNAVCRUITCOMINST 1136.2
Responsibilities and Procedures for Recruit Quality Assurance Team	COMNAVCRUITCOMINST 1137.1
Policies and Procedures Governing Recruiting and Enlistment Processing Irregularities	COMNAVCRUITCOMINST 1137.2
Promotional Items	COMNAVCRUITCOMINST 1140.1
National LEAD Tracking System (NALTS) and National Navy Recruiting Information Center (NNRIC)	COMNAVCRUITCOMINST 1143.1
LEAD Tracking Centers	COMNAVCRUITCOMINST 1143.2
Local Advertising Management System	COMNAVCRUITCOMINST 1147.1
Procedures for Navy Recruiting Exhibit Center (NAVCRUITEXHIBCEN) Exhibit Scheduling	COMNAVCRUITCOMINST 1150.1
Recruiting District Assistance Council (RDAC) Program	COMNAVCRUITCOMINST 1155.2
Administrative Procedures for the Hometown Area Recruiting Program (HARP), Officer Hometown Area Recruiting Program (OHARP), and Senior Enlisted Minority Recruiting Assistance (SEMINAR) Program	COMNAVCRUITCOMINST 1300.1
Administration of COMNAVCRUITCOM Military Personnel	COMNAVCRUITCOMINST 1300.3
Recruiting Excellence Incentive Program (REIP)	COMNAVCRUITCOMINST 1430.4
Training Program for Navy Recruiting Command Field Activities	COMNAVCRUITCOMINST 1500.4
Navy Recruiting Command Individual and Unit Annual Incentive Awards	COMNAVCRUITCOMINST 1650.16
Awards Recognition for Outstanding Production Recruiters	COMNAVCRUITCOMINST 1650.22
Gold Wreath Award for Excellence in Recruiting and Recruiting Support	COMNAVCRUITCOMINST 1650.4
Marketing Operations Planning	COMNAVCRUITCOMINST 3121.2

NAVY COUNSELOR (RECRUITER) (NC)

REFERENCE TITLE	IDENTIFYING NUMBER
Logistics Support Manual	COMNAVCRUITCOMINST 4400.1
Command Inspection Program	COMNAVCRUITCOMINST 5040.2
Personal Privacy and Rights of Individuals Regarding their Personal Records	COMNAVCRUITCOMINST 5211.3
Recruiting Referral Recognition Program	COMNAVCRUITCOMINST 5305.1
Fraternization	COMNAVCRUITCOMINST 5370.1
Standing Operating Procedures Manual for NAVCRUITCOM Field Activities (SOPMAN)	COMNAVCRUITCOMINST 5400.2
Business Cards for Department of the Navy Recruiters	COMNAVCRUITCOMINST 5604.1
Providing Records to Members of the Public Under the Freedom of Information Act (FOIA)	COMNAVCRUITCOMINST 5720.11
Educator Orientation Visit (EOV) Program	COMNAVCRUITCOMINST 5720.14
Navy Parachute Team in Support of Recruiting	COMNAVCRUITCOMINST 5720.18
CNO Sea Power Presentation Program	COMNAVCRUITCOMINST 5720.19
Navy Flight Demonstration Squadron (Blue Angels) in Support of Recruiting	COMNAVCRUITCOMINST 5720.20
Navy Balloon Team in Support of Recruiting	COMNAVCRUITCOMINST 5720.22
Youth Programs Handbook	COMNAVCRUITCOMINST 5760.1
Procedural Requirements for Judge Advocate General Manual (JAGMAN) Investigations	COMNAVCRUITCOMINST 5830.2
COMNAVCRUITCOM Portable Exhibit Program	COMNAVCRUITCOMINST 7102.1
Financial Management Manual	COMNAVCRUITCOMINST 7132.2, Chapter 2

OPTICALMAN (OM)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
OM3	OM 3&2/OPTICALMAN 3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
OM2	OM 3&2/OPTICALMAN 2		
OM1 OMC	OM 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
OM3	
NEETS MOD 1	(TRAMAN--See NAVEDTRA 12061)
NEETS MOD 2	(TRAMAN--See NAVEDTRA 12061)
NEETS MOD 3	(TRAMAN--See NAVEDTRA 12061)
NEETS MOD 4	(TRAMAN--See NAVEDTRA 12061)
NEETS MOD 7	(TRAMAN--See NAVEDTRA 12061)
NEETS MOD 8	(TRAMAN--See NAVEDTRA 12061)
NEETS MOD 10	(TRAMAN--See NAVEDTRA 12061)
NEETS MOD 16, Topic 3	(TRAMAN--See NAVEDTRA 12061)
NEETS MOD 21	(TRAMAN--See NAVEDTRA 12061)
NEETS MOD 22	(TRAMAN--See NAVEDTRA 12061)
Blueprint Reading and Sketching	(TRAMAN--See NAVEDTRA 12061)
MR 3&2	(TRAMAN--See NAVEDTRA 12061)
Type 2D, Submarine Periscope Maintenance Technical Manual	NAVSEA 0324-LP-048-7000
Type 18, Submarine Periscope System, General Information and Functional Description	NAVSEA S9425-AG-MMM-010 (C)
Type 18, Submarine Periscope System, Trouble Shooting (Organizational)	NAVSEA S9425-AG-MMM-020
Type 18, Submarine Periscope System, Trouble Shooting (Intermediate)	NAVSEA S9425-AG-MMM-030
Type 18, Submarine Periscope System, Corrective Maintenance (Organizational)	NAVSEA S9425-AG-MMM-040
Type 18, Submarine Periscope System, Corrective Maintenance (Intermediate)	NAVSEA S9425-AG-MMM-050 (C)
Submarine Periscope Pressure Test, Evacuation/Charging, and Dewpoint Test Procedures	NAVSEA S9425-AW-PRO-010
Submarine Periscope Installation and Checkout Procedures	NAVSEA 9425-LP-065-3010

OPTICALMAN (OM)

REFERENCE TITLE	IDENTIFYING NUMBER
Procedures for Aligning Periscope Independent Fairing Horse Collar Bearing Shoes	NAVSEA 0900-LP-024-6040
Night vision Sight Crew Served Weapon, AN/TVS-5	TM 11-5855-214-24&P
Infrared Viewing Sets, AN/SAR-7 and AN/SAR-7A	NAVELEX 0967-LP-125-9010
Chemical Warfare Directional Detector, AN/KAS-1	NAVSEA SW073-AA-MMO-010
Night Vision Goggle, AN/PVS-7A	TM 11-5855-262-24-1
Night Vision Sight Individual Served Weapon, AN/PVS-4	TM 11-5855-213-23P
Night Vision Goggles, AN/PVS-5, AN/PVS-5A, AN/PVS-5B, and AN/PVS-5C	TM 11-5855-238-20
Technical Repair Standard, Night Vision Pocket Scope System	TRS/2032/689/467
Manual for Overhaul and Repair, 7 X 50 Binoculars	NAVSHIPS 0924-LP-008-3010
Engineering Administration, Chaps 5, 7, 8, 9, and 10	(TRAMAN--See NAVEDTRA 12061)
Ship Telescope, Mark 1 Mod 1	NAVSEA 0924-LP-059-4010
Ship Binocular, Mark 3 Mod 2	NAVSEA 0324-LP-062-4000
Ship Binocular, Mark 3 Mod 4 and 5	NAVSEA S9421-AA-MMA-010
Ship Binocular, Mark 3 Mod 1	NAVSEA 0324-LP-051-6001
Alidade Telescopic Marine Portable	NAVSHIPS 0324-LP-048-8000
Manual for Overhaul, Repair, and Handling of Azimuth and Bearing Circles	NAVSHIPS 0283-LP-221-000
Marine Sextant, Mark 3 Mod 1	NAVSEA 0924-LP-059-5010
Sextants, Pioneer & David White Type Overhaul and Repair	NAVSHIPS 283-LP-221-6000
Ships' Maintenance and Material Management (3-M) Manual, Chaps 5, 9, and 12	OPNAVINST 4790.4
Manual for Overhaul, Repair, and Handling of Sextant and Fiske Type Stadimeters	NAVSHIPS 250-624-6
Drafting Machine and Scales, General Specifications	Military Specification, MIL-D-3898B
OM2	
No Unique References	
OM1	
Quality Assurance Manual	SECNAVINST 4855.1
OMC	
Ships' Maintenance and Material Management (3-M) Manual, Chap 11	OPNAVINST 4790.4

OPERATIONS SPECIALIST (OS)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
OS3	OS 3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
OS2	OS 2		
OS1	OS 1&C		
OSC	OS 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
OS3	
Radiotelephone Procedures for the Conduct of Artillery and Naval Gunfire	ACP 125 U.S. SUPP-2
Communication Instructions: Radiotelephone Procedure	ACP 125
Operational Brevity Codes	ACP 165
Allied Data Processing Publication 11	ADatP 11
The Standard Operating Procedures for NATO Link 14	ADatP 14
Allied Maritime Voice Reporting Procedures	APP 1
Allied Maritime Tactical Instructions and Procedures, Vol I	ATP 1
Allied Maritime Tactical Signals and Maneuvering Instructions, Vol II	ATP 1
Allied Antisubmarine Warfare Manual	ATP 28
Amphibious Operations Ship-To-Shore Movement	ATP 36
Supporting Arms in Amphibious Operations	ATP 37
Allied Naval Gunfire Support	ATP 4
Symbols & Abbreviations	Chart #1
FFG-7 Class Combat System Doctrine	COMNAVSURFLANT/COMNAVSURFPACINST C3516.13
DDG-993 Class Combat System Doctrine	COMNAVSURFLANT/COMNAVSURFPACINST C3516.14
LHA-1 Class Combat System Doctrine	COMNAVSURFLANT/COMNAVSURFPACINST C3516.22
CGN-38 Class Combat System Doctrine	COMNAVSURFLANT/COMNAVSURFPACINST C3516.2
LSD-41 Class Combat System Doctrine	COMNAVSURFLANT/COMNAVSURFPACINST C3516.36
CG-47 Class Combat System Doctrine	COMNAVSURFLANT/COMNAVSURFPACINST C3516.38

OPERATIONS SPECIALIST (OS)

REFERENCE TITLE	IDENTIFYING NUMBER
CG-52 Class Combat System Doctrine	COMNAVSURFLANT/COMNAVSURFPACINST C3516.39
DDG-51 Class Combat System Doctrine	COMNAVSURFLANT/COMNAVSURFPACINST C3516.42
CG-65 Class Combat System Doctrine	COMNAVSURFLANT/COMNAVSURFPACINST C3516.43
AOE-6 Class Combat System Doctrine	COMNAVSURFLANT/COMNAVSURFPACINST C3516.46
CG-27 Class Combat System Doctrine	COMNAVSURFLANT/COMNAVSURFPACINST C3516.4
CG-16 Class Combat System Doctrine	COMNAVSURFLANT/COMNAVSURFPACINST C3516.5
DD-963 Class Combat System Doctrine	COMNAVSURFLANT/COMNAVSURFPACINST C3516.6
CGN-36 Class Combat System Doctrine	COMNAVSURFLANT/COMNAVSURFPACINST C3516.9
Training and Qualification of Ships in Naval Gunfire Support (NGFS) and Shore Bombardment (GUNSMOKE Manual)	COMNAVSURFLANTINST 3570.2
Navigation Rules, International-Inland	COMDTINST M16672.2
OS Continuum Training Plan	CTP-X-90-OS
Navigation & Piloting	Duttons
Problems & Answers in Navigation & Piloting	Duttons
Maneuvering Board Manual	H.O. Pub 217
DOD Dictionary of Military and Associated Terms	JCS Pub 1-02
National Search and Rescue Manual (National Search and Rescue System), Vol I	JCS Pub 3-50
National Search and Rescue Manual (Planning Handbook), Vol II	JCS Pub 3-50.1
JOTS II Training Manual	JOTS II, 1.0 TRAMAN
JOTS II User's Guide (for version 1.0.5)	JOTS II, 1.0 User's Guide
OS2	(TRAMAN--See NAVEDTRA 12061)
QM3	(TRAMAN--See NAVEDTRA 12061)
Navigation Rules Flash Cards	(TRAMAN--See NAVEDTRA 12061)
Maneuvering Board	(TRAMAN--See NAVEDTRA 12061)
Basic Military Requirements	(TRAMAN--See NAVEDTRA 12061)
Lookout Training Handbook	(TRAMAN--See NAVEDTRA 12061)
Sound-Powered Telephone Talkers Manual	(TRAMAN--See NAVEDTRA 12061)
Radar Set AN/SPS-55 (Volume 1 General Information, Scheduled Maintenance, Corrective Maintenance, Parts, and Installation)	NAVSEA SE211-PO-MMA-010
Radar Set AN/SPS-55 (Volume 2-Operation)	NAVSEA SE211-PO-MMA-020
Radar Set AN/SPS-67 (V)1 (General Information, Operations, Theory, Maintenance, and Installation)	NAVSEA SE211-S1-MMA-010

OPERATIONS SPECIALIST (OS)

REFERENCE TITLE	IDENTIFYING NUMBER
Indicator Group AN/SPA-25G (General Information and Operations)	NAVSEA SE251-DG-MMO-010
Radar System Fundamentals	NAVSHIPS 900,017
Naval Warfare Documentation Guide	NWP 0
Antiair Warfare	NWP 32
Basic Operational Communications Doctrine	NWP 4
Preparing, Maintaining, and Submitting the Ship's Deck Log	OPNAVINST 3100.7
Department of The Navy Information and Personnel Security Program Regulations	OPNAVINST 5510.1
LINK-11/TADIL "A" Standard Operating Procedures/Operators Manual	OPNAVINST C3120.39
United States Navy Regulations, 1990	U. S. Navy Regulations
OS2	
Search and Rescue	ATP 10
Antisubmarine Evasive Steering	ATP 3
Antisubmarine Warfare (ASW) Exercises	FXP 1
Antiair Warfare (AAW) Exercises	FXP 2
Strike Warfare, Antisurface Ship Warfare, Intelligence, Electronic Warfare, and Command, Control, and Communications Exercises	FXP 3
Mobility, Logistics, Fleet Support Operations, Noncombat Operations and Explosive Ordnance Disposal Exercises	FXP 4
Amphibious Warfare (AMW) and Mine Warfare (MIW) Exercises	FXP 5
Joint Doctrine for Amphibious Operations	JCS PUB 3-02
System Administrator's Guide	JOTS II, 1.0, Admin Guide
OS 1&C	(TRAMAN--See NAVEDTRA 12061)
QM2	(TRAMAN--See NAVEDTRA 12061)
Naval Orientation	(TRAMAN--See NAVEDTRA 12061)
U.S. Navy Address Indicating Group (AIG) and Collective Address Designator (CAD) Handbook	NTP 3 SUPP-1
Telecommunications Users Manual	NTP 3
Composite Warfare Commander's Manual	NWP 10-1
Antiair Warfare Commander's Manual	NWP 10-1-21
Mine Countermeasures Planning and Procedures (General Instructions)	NWP 27-1-1
Mine Countermeasures Operations	NWP 27-2
Tactical Airborne Information Document (TACAID) for ASW Aircraft	NWP 55-2-2

OPERATIONS SPECIALIST (OS)

REFERENCE TITLE	IDENTIFYING NUMBER
Surface Ship Target Motion Analysis (TMA) for Passive Sensors Tactics	NWP 60-3
	OS1
Allied Maritime Structured Messages, Vol I	APP 4
Allied Maritime Formatted Messages, Vol II	APP 4
Replenishment at Sea	ATP 16
Doctrine for Amphibious Operations	ATP 8
Naval Safety Supervisor	(TRAMAN--See NAVEDTRA 12061)
Signalman	(TRAMAN--See NAVEDTRA 12061)
QM 1&C	(TRAMAN--See NAVEDTRA 12061)
Combat Systems and Weapons Department Management	(TRAMAN--See NAVEDTRA 12061)
Watch Officer	(TRAMAN--See NAVEDTRA 12061)
Communications Security Material System Custodian	(TRAMAN--See NAVEDTRA 12061)
Introduction to the Department of the Navy Information and Personnel Security Program	(TRAMAN--See NAVEDTRA 12061)
Message Drafting Procedures	(TRAMAN--See NAVEDTRA 12061)
Operational Reports	NWP 10-1-10
Status of Resources and Training System (SORTS)	NWP 10-1-11
Maritime Reporting System	NWP 10-1-12 (SUPP-1)
Maritime Reporting System	NWP 10-1-12
Joint Reporting System	NWP 10-1-13
Joint Reporting System (Air Defense/Control Reports)	NWP 10-1-13 (SUPP-2)
Joint Reporting System (Flag/OTC Reports)	NWP 10-1-13 (SUPP-3)
Joint Reporting System (Supporting Arms/Naval Gunfire Support Reports)	NWP 10-1-13 (SUPP-4)
Joint Reporting System (Other Joint Message Reports)	NWP 10-1-13 (SUPP-5)
Joint Reporting System (Commonly Used Messages)	NWP 10-1-13 (SUPP-6)
Joint Reporting System (General Purpose Messages)	NWP 10-1-13 (SUPP-1)
Supporting Arms in Amphibious Operations	NWP 22-2
Ship-to-Shore Movement	NWP 22-3
MCM-1 Class Tactical Manual	NWP 65-10
AIC, ASAC, ATACO, HTC, and MCMC Qualifications	OPNAVINST 1211.2
Special Incident Reporting (OPREP-3, Navy Blue, and Unit SITREP) Procedures	OPNAVINST 3100.6
Data Base and Communication Standards Interoperability Requirements for Tactical Naval Warfare Systems	OPNAVINST 9410.5
LINK-4A/TADIL-C Standard Operating Procedures/Operators Manual	OPNAVINST C3120.40

OPERATIONS SPECIALIST (OS)

REFERENCE TITLE	IDENTIFYING NUMBER
Watch Officer's Guide	Watch Officer's Guide
	OSC
Amphibious Operations	(TRAMAN--See NAVEDTRA 12061)
Naval Operations Planning	NWP 11
Naval Terminology	NWP 3
Standard Organization and Regulations of the U.S.Navy	OPNAVINST 3120.32
Navy Occupational Safety and Health Program Manual for Forces Afloat	OPNAVINST 5100.19
Department of the Navy Correspondence Manual	SECNAVINST 5216.5

OCEAN SYSTEMS TECHNICIAN (OTA)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
OTA3, OTA2, OTA1, & OTAC	OTA	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
OTA3	
SURTOPS Vol II, Operating Procedures for the Integrated Undersea Surveillance System, Secs 2, 3, 4, 6, and 9	401323WH1110-46
SOSUS Bearing Measurement Procedures	
SURTOPS Vol II, SURTASS Procedures for IUSS	
SURTOPS Vol III, Equipment Employment Guide (EEG) for IUSS	
Department of the Navy Information and Personnel Security Program Regulation, Chaps 1 through 4, 6, 8 through 10, 12 through 14, 16 through 18, and 23	OPNAVINST 5510.1
Department of the Navy (DON) Security Classification Guidance for Undersea Warfare Programs, Encl 42	OPNAVINST 5513.5
ACINT Newsletters (Last 8 issues)	
Ships' Maintenance and Material Management (3-M) Manual, Chaps 1 through 3 and 5	OPNAVINST 4790.4
Principles of Lofargram Analysis, Vol 1--Chaps 2 through 10	NWP 24-1-1
Fleet Oceanographic and Acoustic Reference Manual--Chaps 1 through 4, 7, 8, and 10	MS-39522-5001
Afloat Supply Procedures, Chap 6	NAVSUP P-485
SURTOPS Vol I, Administrative Procedures for the Integrated Undersea Surveillance System	
SURTOPS Vol IV, Ocean Systems Qualification Standards	
Surface Acoustic Characteristics, Vol 1	DST 1210S-345-87
TYPE 1/4 DSL PUB	DST-1220S-458-84
TYPE 1 NUC PUB	DST-1220S-460-87
TYPE 2/3 DSL PUB	DST-1220S-459-90
TYPE 2/3 NUC PUB	DST-1220S-461-90
TYPE 4/5 NUC PUB	DST-1220S-462-90

OCEAN SYSTEMS TECHNICIAN (OTA)

REFERENCE TITLE	IDENTIFYING NUMBER
TYPE 6/7 NUC PUB	DST-1220S-465-92
U.S. Nuclear Submarine Data Handbook	NWP 24-3
Signature Catalog: CIS Diesel and Nuclear Submarines	NWP 24-2
United States Navy Surface Ship Acoustic Characteristics	TACMEMO 142-1-79
OTA2	
SURTOPS Vol II, Operating Procedures for the Integrated Undersea Surveillance System-- Sec 5	
Principles of Lofargram Analysis, Vol 1--Chap 11	NWP 24-1-1
SURTOPS Vol II, Plotting Procedures for the Integrated Undersea Surveillance System	
SURTOPS Vol III, The Computer Alerted Surveillance System (COMPASS)	
SURTOPS Vol III, Real-Time Signal Processor (RTSP II)	
SURTOPS Vol III, Secure Acoustic Data Relay (SADR)	
Passive Acoustic Classification Manual	NWP 16
Telecommunications Users Manual, --Chaps 1, 2, and 4	NTP 3
Maritime Reporting System	NWP 10-1-12
Joint Reporting System	NWP 10-1-13
OTA1	
SURTOPS Vol II, Operating Procedures for the Integrated Undersea Surveillance System-- Sec 8	
Standard Organization and Regulations of the U.S. Navy, Chaps 8 and 10	OPNAVINST 3120.32
Telecommunications Users Manual, Chaps 5 through 7	NTP 3
Integrated Undersea Surveillance System Coordination Procedures, Chap 5	NWP 23
OTAC	
SURTOPS Vol II, Operating Procedures for the Integrated Undersea Surveillance System	
Acoustic Intelligence (ACINT) Collection Guide (Fixed Systems), Vol III	NISC-DST-SXAS-470-75
Standard Organization and Regulations of the U.S. Navy, Chap 7	OPNAVINST 3120.32
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
Integrated Undersea Surveillance System Coordination Procedures, Chap 3	NWP 23

OCEAN SYSTEMS TECHNICIAN (OTM)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
OTM3, OTM2, OTM1, & OTMC	OTM	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
OTM3	
Technical Manual, Adaptive Beamformer Subsystem (ABF)	EE399-AD-OMI/E124-ABF
Technical Manual, Asynchronous Channel Multiplexer Model 27010	05-6270-10 C2
Technical Manual, Asynchronous Channel Multiplexer Model RMS 311	Contract No. N00421-82-C-0069
Technical Manual, Acoustic Display Console (ADC) OJ-564/F, Part Number 10092-199-1	EE391-DF-OMI-010/W180-OJ564F
Technical Manual for Sonar Sets AN/FQQ-9(V) and AN/FQQ-9A(V), Volumes 1 through 5	NAVSHIPS 0967-174-30XX
Recorder-Reproducer Set, Signal Data, AN/USH-26(V), Volumes 1 through 5	NAVSEA SE640-AF-MMO-0XX/USH-26(V)
Technical Manuals, Honeywell AN/USH-31(V)2	
Operator's Instructions for AN/USH-31(V)5, Magnetic Tape Recorder/Reproducer System	
Maintenance Instructions for AN/USH-31(V)5, Magnetic Tape Recorder/Reproducer System, Volumes 1 and 2	
Maintenance Manual, SOSUS Modernization Program, AT&T Federal Systems Advanced Technologies, Prep: J.J. Bill	
SOSUS Modernization, User Documentation 3.0	G842465
Technical Manual, Data Processing Set, AN/UYK-20(V), Volumes 1 through 6	
Technical Manual, Organizational Level Maintenance, Data Processing Set, AN/UYK-44(V),	SE610-PV-MMO-010/UYK-44(V)
AT&T Headquarters Technical (HT) Memoranda--T-00.42 (Cable Failures)	
DM10 Technical User Manual, Remote Video Display Terminal, Beehive International	

OCEAN SYSTEMS TECHNICIAN (OTM)

REFERENCE TITLE	IDENTIFYING NUMBER
Technical Manual, Operation and Maintenance Instructions, Central Alarm Cabinet T-250-1643	EE168-AA-OMI-010/E124-CAC
Control Data Corporation, BJ5XX Storage Module Drive, Reference Manual	
Control Data Corporation, Storage Module Drive, BJ5A3A and BJ5D1A Special Supplement	
Control Data Corporation, BJ5XX Storage Module Drive, Technical Manual, Volumes 1 and 2	
Computer Operator's Manual for Computer-Alerted Surveillance System (COMPASS), Revision 1	6823210
Technical Manual, Computer Oriented Partial Sum II (COPS II) Beamformer Subsystem	EE393-AD-OMI-010/W124-COPS,BF
Technical Manual, Cable Power Supply System, T-250-2100	EE010-RA-OMI-010/E124-T-250
Technical Manual, Central Timing and Interconnect	G816034 EE399-AC-OMI-010/E124 CTI
Standardization of OTM Qualifications	COMUNDERSEASURVLANT/COMUNDERSEASUR VPACINST 3502.1
EIMB Test Equipment	NAVSEA 0967-LP-000-0040
EIMB Test Methods and Practices, --Secs 1, 2, 3-1, 3-2, 3-3, 3-10, 3-16, 3-18, 4-1 through 4-10, 4-14, 4-15, and 6	NAVSEA 0967-LP-000-0130
General Maintenance	NAVSEA 0967-LP-000-0160
Electronic Safety Handbook	E0410-AA-HBK-010/00K ELEXSAFE
Technical Manual, Auxiliary Tape Punch Printer and Reader Cabinet, T-250-2006,	EE121-AB-OMI-101/E124-FASTICS
Technical Manual, Fully Automatic Switching Terminal	EE119-PA-OMI-01A/E124-FAST
Technical Manual, TTY Equipment and Switch Assembly T-250-2497	EE161-RC-OMI-010/W180-T2502497
Technical Manual, Power Supply Set GF44812, Volumes 1 through 4	EE399-BA-OMI-0XX/E124-PS
Technical Manual, Power Supply Set GF44855, Volumes 1 through 3	G644161-1/2/3
Operator's Manual for the Inter-Array Communication Subsystem, Phase 2, Parts 1 through 3	
Operator's Manual for the ICS of the IUSS (Current Release), Parts 1 and 2	
Operator's Manual for the Functional Test System (IFTES) of the Integrated Undersea Surveillance System, R5V4	
System Level Manual for Integrated Undersea Surveillance System (IUSS)	G823098
Technical Manual, Disk Controller, Digital Systems Corporation Model J-3985	EE610-AA-MMC-010/E124 J3985

OCEAN SYSTEMS TECHNICIAN (OTM)

REFERENCE TITLE	IDENTIFYING NUMBER
Technical Manual, LUSC Demultiplexer Cabinet Assembly	GS68537, EE163-JD-OMI-010/E124-LUSC
Technical Manual, LUSC/SD-C Receiver Group, Volumes 1 and 2	EE125-EA-OMI-0XX/E124-LUSC
Shop Manual, Teletype Corporation, Tempest Model 40 Printer, Volumes 1 and 2	Manual 359 Issue 3
Operator's and System Manual, Texas Instruments, Model 820 KSR Terminal	
Technical Manual, CDC Storage Module Drive BK6XX and BK7XX, Volumes 1 through 3	EE640-EA-MMC-0XX/E124 CDCBK6X,7X
Electronic Test Equipment Calibration Program Indoctrination Handbook	NAVMAT P-9491, Sec 2 0518-LP-394-5000
Guide for User Maintenance of NAVSHIPS Technical Manuals	S0005-AA-GYD-030/TMMP
Technical Manual for Sonar Set AN/FQ-1A(V)	NAVSHIPS 0967-159-9010
Supply Afloat Fleet and Field Packaging Procedures	NAVSUP P-484
Afloat Supply Procedures, paras 3025, 3047, and 6207	NAVSUP P-485
NEETS Module 1, Introduction to Matter, Energy, and Direct Current	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 2, Introduction to Alternating Current and Transformers	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 3, Introduction to Circuit Protection, Control, and Measurement	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 4, Introduction to Electrical Conductors, Wiring Techniques, and Schematic Reading	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 7, Introduction to Solid-State Devices and Power Supplies	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 8, Introduction to Amplifiers	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 9, Introduction to Wave-Generation and Wave-Shaping Circuits	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 13, Introduction to Number Systems and Logic Circuits	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 14, Introduction to Microelectronics	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 16, Introduction to Test Equipment	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 19, The Technician's Handbook	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 21, Test Methods and Practices	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 22, Introduction to Digital Computers	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 23, Magnetic Recording	(TRAMAN--See NAVEDTRA 12061)
Technical Manual, NTDS (FAST) Input/Output Processor	EE640-BH-OMI-010/NTDS

OCEAN SYSTEMS TECHNICIAN (OTM)

REFERENCE TITLE	IDENTIFYING NUMBER
Standard Organization and Regulations of the U.S. Navy Chaps 4, 8 and 10	OPNAVINST 3120.32
Hazardous Material Control and Management	OPNAVINST 4110.2
Ships' Maintenance and Material Management (3-M) Manual, Chaps 1 through 3, 5, and 9; and Ships' 3-M Users Manual	OPNAVINST 4790.4B and SL 790-AB-URM-010/3-M
Department of the Navy Information and Personnel Security Program Regulation, Chaps 1, 4, 9, 10, 12 through 14, 17, 23, and 24	OPNAVINST 5510.1H
Department of the Navy (DON) Security Classification Guidance for Undersea Warfare Programs, Encl (42)	OPNAVINST S5513.5A
Ocean Signal Simulator (OSS) Operator's Manual	G823241
Technical Manual, Real Time Signal Processor II (RTSP II) Processor Subsystem	EE399-AF-OMI-010/W124-RTSP II
Technical Manual, Site 1000 SADR System Configuration, Rev 3	EE399-DA-OMI-080/E124-SADR
Technical Manual, Site 3000 SADR System Configuration, Rev 1	EE399-DA-OMI-110/E124-SADR
Technical Manual, SADR Control Cabinet G643764()	EE399-DB-OMI-010/E124-SADR
Technical Manual, SADR Terminal Equipment, Volumes 1 through 3	EE000-AC-OMI-OXX/(U)(C) SADR
Technical Manual, TSP Series 2000 Voice Digitizer	TSP Manual 99-00-0753
Technical Manual, SD-C2 Power Supply Set AN/FQA-14, Volumes 1 and 2	NAVELEX 0967-LP-544-1XXX
Technical Manual, SD-C2 Receiver Group AN/FQA-12(V) and SOFAR Monitoring Set AN/FQQ-12-(U), Volumes 1 through 3	NAVELEX 0967-LP-544-10XX
Technical Manual, SD-C2 Primary Power Generation and AC Distribution, Volumes 1 through 3	NAVELEX 0967-LP-544-10XX
Synchronous Distributed Processor Handbook	
IUSS Operations Support Center, Fleet Operations Support Branch (FOSB), Information Guide	
User's Manual, Synchronous Distributed Processor Diagnostic System (SDS)	G644719
System Industries, Model 9500A Disk Storage System, Technical Manual	
Supply and Maintenance Action Report Tracking System (SMART) Maintenance Release (Current), User's Guide	
Navy Occupational Safety and Health (NAVOSH) and Hazardous Material Control Program for Space and Naval Warfare Systems Command Headquarters and Field Activities, Encl (1), Chaps 7 and 10, and Encl (6)	SPAWARINST 5100.9D
COSAL Use and Maintenance Manual	SPCCINST 4441.170

OCEAN SYSTEMS TECHNICIAN (OTM)

REFERENCE TITLE	IDENTIFYING NUMBER
Signal Generator, System Performance Tester (SPT), Instructor's Utilization handbook	Contract No. N00039-88-C-0136
Technical Manual, Configuration Supplement, Model 9500 Disk Storage System	NESEA No. N655980-2253-93-02
Technical Manual Supplement, Hydrophone Amplifier Equipment T-250-1658L2	EE311-AE-SUP-010/T-250-1658L2
Technical Manual, Hydrophone Amplifier Equipment T-250-1658/1659/1660, Volumes 1 and 2	EE311-BA-OMI-0XX/E124-T250
Maintenance Manual, Beehive Medical Electronics, SUPER BEE Computer Terminal	
Operation and Maintenance for TD-1140/U, DATUM Model 9300-678, Reader-Generator, Time Code	NAVELEX 0967-LP-467-7010
Technical Manual, Test Bench for Improved Undersea Surveillance System (IUSS)	TB.8101-16
Tools and Their Uses	(TRAMAN--See NAVEDTRA 12061)
Technical Manual, Universal Communications Processor Revision 7 (UCP R7)	EE130-BK-OMI-010/UCP
Version Description Document for the Universal Communications Processor (UCP) (Current Release)	
Operator's Manual for the Unified Diagnostic Test System (UDITS), R2V1C4, Volumes 1 and 2	Document No. UXF477/8
Technical Manual, Data Relay Transceiver (DRT) Subsystem, EE160-FA-OMI-010/E124-DRT, SUB	EE160-FA-OMI-010/E124-DRT, SUB
Military Systems WBAR Operator's Manual	NOSC Document No. SXI181
Technical Manual, Writer Interface Buffer II (WIB II) G814805	EE393-BA-OMI-010/E124-WIBII
Contractor and Government Furnished Equipment Manuals	
OTM2	
AT&T Headquarters Technical (HT) Memoranda--T-60 (Series) (SDP (Various))	
AT&T Headquarters Technical (HT) Memoranda--T-70 (Series) (SADR (Various))	
EIMB General	NAVSEA SE000-00-EIM-100
EIMB Installation Standards Secs 1 through 4 and 6	NAVSEA 0967-LP-000-0110
EIMB Reference Data	NAVSEA 0967-LP-000-0140
NEETS Module 12, Modulation Principles	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 17, Radio-Frequency Communications Principles	(TRAMAN--See NAVEDTRA 12061)
NEETS Module 24, Introduction to Fiber Optics	(TRAMAN--See NAVEDTRA 12061)
Maintenance Manual for Computer Set, AN/UYK-7(V), Volumes 1 through 3	NAVSEA SE610-AW-MMA-0XX

OCEAN SYSTEMS TECHNICIAN (OTM)

REFERENCE TITLE	IDENTIFYING NUMBER
Computer Operator's Manual, Integrated Acoustic Display (IAD) Subsystem	EE300-AB-COM-010/(C)W180-IAD
Technical Manual, Integrated Acoustic Display (IAD) Subsystem Configuration	EE300-DC-OMI-010/IAD
Operator's Manual for the Inter-Array Processor (IAP 2) Subsystem (Phase 2) (Production System)	NOSC Document No. SXJ530
IUSS PSP-X + Maintenance Manual, Volumes 1 through 4	9RA6825/26/27 and 9RB4581
Technical Manual for Type 1840 Modified Magnetic Tape Subsystems, RD-358(V)/UYK, Volumes 1 through 3	NAVSEA 0967-LP-562-80XX
SURTASS Shore Computer Program Operator's Manual	EE-320-AM-OPI-010/E124-SHORCPOM
Technical Manual, SURTASS Recorder, Sound, RO-623/UQQ-2(V), Model 9700-0101	EE121-RS-OMI-010/RO-623
Technical Manual, Array Interface Unit (AIU), P/O SURTASS Sonar Segment	EE960-AE-OMI-010/AIU
SURTASS Shore System Manual (Volume 1 - Operation and Maintenance)	EE320-AR-OMI-010/E124-SHORE
System Operator's Manual for the Target Data Processor (TDP)(U), Compatible with R9V4	NOSC Document No. CXG263C
Department of the Navy Automatic Data Processing Security Program	OPNAVINST 5239.1
Department of the Navy Information and Personnel Security Program Regulation, Chap 11	OPNAVINST 5510.1
OTM1	
AT&T Headquarters Technical (HT) Memoranda	
EIMB Electromagnetic Interference Reduction	NAVSEA 0967-LP-000-0150
Military Standard, General Purpose Electronic Test Equipment	MIL-STD-1364J(NAVY)
Integrated Logistic Support Plan, Improved SOSUS Program	NAVELEX P4110.71
Department of the Navy Metrology and Calibration (METCAL) Program	NAVELEXINST 4355.2
Naval Telecommunications Procedures Users Manual	NTP 3
Operational Reports, Chap 4	NWP 10-1-10
Metrology Automated System for Uniform Recall and Reporting (MEASURE)	OP 43P6A
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1

OCEAN SYSTEMS TECHNICIAN (OTM)

REFERENCE TITLE	IDENTIFYING NUMBER
Operational Logistic Support Summary for the IUSS Shore System	SPAWAR P4110.550
OTMC	
IUSS Configuration Management Plan	SPAWAR Document No: N00039-180-900
Afloat Supply Procedures	NAVSUP P-485
Standard Organization and Regulations of the U.S. Navy, Chaps 3 and 9	OPNAVINST 3120.32
Navy Implementation of National Policy on Control of Compromising Emanations (U)	OPNAVINST C5510.93
Ship Configuration and Logistic Support Information System (SCLSIS)	0910-LP-258-6300
Policy and Procedures Concerning the Base Electronics System Engineering Plan (BESEP)	SPAWARINST 2804.1
Navy Occupational Safety and Health (NAVOSH) and Hazardous Material Control Program for Space and Naval Warfare Systems Command Headquarters and Field Activities	SPAWARINST 5100.9D

POSTAL CLERK (PC)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
PC3	PC3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
PC2	PC2		
PC1			
PCC	PC 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
PC3	
Postal Manual, Vol 1	DOD 4525.6, Vol 1
Postal Manual, Vol 2	DOD 4525.6, Vol 2
Penalty Mail Handbook	DM 103
Military Standard Transportation and Movement Procedures	DOD 4500.32
Postal Supply and Equipment Catalog	DOD 4525.6
DOD Mail Distribution Instructions and Labeling Handbook (MDILAH)	DOD 4525.6
Official Mail Manual	DOD 4525.8
Domestic Mail Manual (DMM)	USPS DMM
International Mail Manual (IMM)	USPS IMM
Navy Customer Service Manual	(TRAMAN - See NAVEDTRA 12061)
Navy Electricity and Electronics Training Series, Module 22 -- Introduction to Digital Computers	(TRAMAN - See NAVEDTRA 12061)
Management of Transportation Equipment	NAVFAC P-300
Replenishment at Sea	NWP-14
Standard Organization and Regulations of the U.S. Navy	OPNAVINST 3120.32
Department of the Navy Postal Instructions	OPNAVINST 5112.6
Navy Official Mail Management Instructions	OPNAVINST 5218.7
Postal Operations Manual (POM)	USPS POM
Acceptance of Hazardous, Restricted, or Perishable Matter	USPS Publication 52
Directives and Forms Catalog	USPS Publication 223
Materiel Management Equipment and Supply Catalog	USPS Publication 247
National Five-Digit ZIP Code and Post Office Directory, Vol I and II	USPS Publication 65

POSTAL CLERK (PC)

REFERENCE TITLE	IDENTIFYING NUMBER
Handling, Dispatching, and Transporting Military Mail by Air Transportation	USPS Transportation Handbook T-7
PC2	
Transit Time Information Standard System for Military Mail	DOD 4525.6
Administrative Support Manual (ASM)	USPS ASM
Importing Animal and Plant Products Through Overseas Military Post Offices	USPS Publication 4
PC1	
Recycling Guide	USPS Handbook AS-550
Department of the Navy Standard Subject Identification Codes	SECNAVINST 5210.11
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Telecommunications Users Manual	NTP 3
NO ADDITIONAL BIBLIOGRAPHY FOR PCC	

PHOTOGRAPHER'S MATE (PH)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
PH3	PH, Basic	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
PH2/PH1/ PHC	PH, Advanced		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
PH3	
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Navy Visual Information Management and Operations Manual	OPNAVINST 5290.1
Ship's Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4
Photo Lab Index Lifetime Edition, (41st ed.), DeCock, Liliane, ed., Morgan & Morgan, Inc., Dobbs Ferry, N.Y., 1990.	
PH2	
Navy Precious Metals Program (PMP)	NAVSUPINST 4570.23
Unabridged Navy Index of Publications and Forms	NAVSUPPUB 2002
Department of the Navy File Maintenance Procedures and Standard Subject Identification Codes (SSIC)	SECNAVINST 5210.11
PH1	
Reporting of Missing, Lost, Stolen or Recovered (M-L-S-R) Government Property	SECNAVINST 5500.4
Navy Customer Service Manual	(TRAMAN--See NAVEDTRA 12061)
PHC	
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat, Vol. I	OPNAVINST 5100.19
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat, Vol. II	OPNAVINST 5100.19
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
Environmental and Natural Resources Program Manual	OPNAVINST 5090.1

PATTERNMAKER (PM)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
PM3	PM & ML/PM 3&2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
PM2	PM & ML/PM 3&2		
PM1	PM & ML/PM & ML 1&C		
PMC	PM & ML/PM & ML 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
PM3	
Blueprint Reading and Sketching, Chaps 1 through 4, 7 and 8	(TRAMAN-See NAVEDTRA 12061)
Patternmaker's Guide, 2nd Ed, American Foundrymen's Society, Inc 1990, Chaps 2 through 6, and 9	
Patternmaker's Manual, American Foundrymen's Society, Inc 1986, Chaps 3, 4, and 6 through 16	
Use and Care of Hand Tools and Measuring Tools	(TRAMAN-See NAVEDTRA 12061)
Ships' Maintenance and Material Management (3-M) Manual, Chaps 1, 2, and 5	OPNAVINST 4790.4
Ship's Safety Manual, Chaps B3 through B7, C9, and C13	OPNAVINST 5100.19
Machinery Repairman, Chap 5	(TRAMAN-See NAVEDTRA 12061)
PM2	
Ships' Maintenance and Material Management (3-M) Manual, Chaps 3, 9, 12, and 13	OPNAVINST 4790.4
Hull Maintenance Technician 3&2, Chap 3	(TRAMAN-See NAVEDTRA 12061)
PM1	
Analysis of Casting Defects, 4th Ed	
Ships' Maintenance and Material Management (3-M) Manual, Chaps 1 through 13	OPNAVINST 4790.4
Machinery Repairman, Chap 15	(TRAMAN-See NAVEDTRA 12061)
NO ADDITIONAL BIBLIOGRAPHY FOR PMC	

PERSONNELMAN (PN)

2amc

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
PN3	PERSONNELMAN 3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
PN2	PERSONNELMAN 2		
PN1	PERSONNELMAN 1&C		
PNC			

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
PN3	
Accrued Leave in Excess of 60 Days	SECNAVINST 1050.5
Advancement Manual	BUPERSINST 1430.16
Certificate of Release or Discharge from Active Duty	BUPERSINST 1900.8
Defense Enrollment Eligibility Reporting System (DEERS)	OPNAVINST 1750.2
Department of Defense Financial Management Regulations, (DODFMR) Military Pay Policy and Procedures, Volume 7, Part A, Parts 1 through 4, 6 and 7	DOD 7000.14
MAC Transportation Authorization (MTA), DD Form 1482-1 and 4	NAVMILPERSCOMINST 4630.2
Department of the Navy Automatic Data Processing Security Program Instructions	OPNAVINST 5239.1
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
Department of the Navy Directives Issuance System, Consolidated Subject Index	DPSINST 5215.1
Department of the Navy Directives Issuance System	SECNAVINST 5215.1
Department of the Navy Source Data System Procedures Manual, Volumes 1 and 2	NAVSO P-3069
Department of the Navy Standard Subject Identification Codes	SECNAVINST 5210.11
Dependents' Dental Plan	OPNAVINST 1751.1
Disbursing, Administrative, and Personnel Manual (DAPMAN)	NAVSO P-3680
Enlisted Transfer Manual, Chapters 2, 3, 4, 7, 16, 17, 19, 23, 24, 25, 28, and Addendum A	NAVPERS 15909
Exceptional Family Member Program	OPNAVINST 1754.2
Financial Management Guide for Permanent Change of Station Travel (Military Personnel, Navy)	BUPERSINST 7040.6
Homeport and Permanent Duty Stations, Establishment, Disestablishment, and Modification of Activities of the Operating Forces of the Navy	OPNAVINST 3111.14

PERSONNELMAN (PN)

REFERENCE TITLE	IDENTIFYING NUMBER
Identification Cards for Members of the Uniformed Services, Their Family Members, and Other Eligible Persons	BUPERSINST 1750.10
Information Concerning Overseas Living Conditions	NAVMILPERSCOMINST 1720.1
Issuance of the Navy Passenger Transportation Manual (PTM)	NAVMILPERSCOMINST 4650.2
Leave Authorization and Reporting Procedures - Navy Members Only	SECNAVINST 7220.81
Leave - Planning or Taking Leave or Visiting of Foreign Country	BUPERSINST 1050.11
Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards, Volumes I and II	NAVPERS 18068
Naval Military Personnel Manual, Chapters 10, 14, 18, 22, 26, 30, 36, 46, 50, 54, 67, and 68	NAVPERS 15560
Naval Telecommunications Procedures Users Manual	NTP 3
Navy and Marine Corps Awards Manual	SECNAVINST 1650.1
Navy Comptroller Manual, Vol 2, Chapter 5	NAVSO P-1000-25
Navy Customer Service Manual	(TRAMAN - See NAVEDTRA 12061)
Navy Electricity and Electronics Training Series, Module 22, Introduction to Digital Computers	(TRAMAN - See NAVEDTRA 12061)
Navy Enlisted Performance Evaluation (EVAL) Manual	BUPERSINST 1616.9
Navy Pay and Personnel Procedures Manual, Parts 1, 3, and 9	NAVSO P-3050
Navy Sponsor Program	OPNAVINST 1740.3
Official Table of Distances, Continental United States Alaska, Hawaii, Canada, Canal Zone, Central America, Mexico and Puerto Rico	NAVSO P-2741
Overseas Tour Extension Incentives Program	OPNAVINST 1306.1
Pay/Personnel Administrative Support System (PASS) Management Manual (PASSMAN)	OPNAVINST 1000.23
Rating Entry for General Apprentices (REGA)	OPNAVINST 1430.5
Standard Navy Distribution List, Part 1	OPNAVINST PO9B2-107
Standard Navy Distribution List, Part 2	OPNAVINST PO9B2-105
The Joint Federal Travel Regulations, Volume I	NAVSO P-6034
Unabridged Navy Index of Publications and Forms	NAVSUP PUB 2002
U.S. Navy Single Sponsor/Military Couple with Dependent(s) Dependent Care Policy	OPNAVINST 1740.4
U.S. Navy Travel Instructions, Chapters 1 and 3 through 9	NAVSO P-1459
Yeoman 3, Chapters 5 and 7	(TRAMAN - See NAVEDTRA 12061)

PERSONNELMAN (PN)

REFERENCE TITLE	IDENTIFYING NUMBER
PN2	
Assignment and Utilization of Navy-Managed Military Family Housing (MFH)	OPNAVINST 11101.13
Assistance to Be Provided Members of the Navy and Naval Reserve in Exercising Reemployment Rights or Obtaining Employment or Training	NAVMILPERSCOMINST 1571.1
Career Reenlistment Objectives (CREO)	OPNAVINST 1160.4
Career Sea Pay and Career Sea Pay Premium	SECNAVINST 7220.77
Catalog of Navy Training Courses, (CANTRAC), Volumes 1 through 3	(TRAMAN - See NAVEDTRA 12061)
Catalog of Nonresident Training Courses	NAVEDTRA 12061
Civilian Health and Medical Program of the Uniformed Services (CHAMPUS) Regulation; Implementation of	NAVMEDCOMINST 6320.18
Command Advancement Program (CAP)	BUPERSINST 1430.17
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Diary Message Reporting System Users' Manual (DMRSMAN)	EPMAC NEW ORLEANS, LA DOCUMENT 1080#4 UM-01A
Enlisted Bonus and Special Duty Assignment Pay Programs	OPNAVINST 1160.6
Enlisted Distribution and Verification Report Users' Manual (EDVRMAN)	EPMAC NEW ORLEANS, LA DOCUMENT 1080#4 UM-01
Enlisted Transfer Manual, Chapters 1, 5, 8, 9, 10, 11, 14, 15, 20, 21, 22, 26, 27, and Addendum B	NAVPERS 15909
Federally Legislated Educational Benefit Programs	OPNAVINST 1780.3
Fulfilling the Military Service Obligation	OPNAVINST 1000.26
In-Service Procurement for Appointment under the Active and Inactive Limited Duty Officer and Chief Warrant Officer Programs	NAVMILPERSCOMINST 1131.1
Manual of the Judge Advocate General	JAGINST 5700.7
Naval Military Personnel Manual, Chapters 34, 38, 58, 62, and 66	NAVPERS 15560
Navy Guide for Retired Personnel and Their Families	NAVPERS 15891
Navy Military Personnel Assignment Policy	OPNAVINST 1300.15
Navy Retention Program	OPNAVINST 1040.6
Navy Voluntary Education Programs	CNETINST 1560.3
Nuclear Weapon Personnel Reliability Program (PRP)	OPNAVINST 5510.162
Policies and Administrative Procedures for the Hometown Area Recruiting Program (HARP), Officer Hometown Area Recruiting Program (OHARP), and Senior Minority Assistance to Recruiting (SEMINAR) Program	OPNAVINST 1300.16
Reenlistment Quality Control Program	OPNAVINST 1160.5
Retired Pay	NAVCOMPTINST 7220.52

PERSONNELMAN (PN)

REFERENCE TITLE	IDENTIFYING NUMBER
Survivor Benefits, Including the Retired Serviceman's Family Protection Plan (RSFPP) (10 USC 1431 ET SEQ.) and the Survivor Benefit Plan (SBP) (10 USC 1447 ET SEQ.), as Amended	NAVMILPERSCOMINST 1750.2
The U.S. Navy Personnel Exchange Program (PEP)	OPNAVINST 5700.7
United States Navy Regulations, 1990	
Unusually Arduous Sea Duty for Travel and Transportation Entitlement Purposes	SECNAVINST 4650.19
U.S. Naval Reserve Officer Programs Open to Active Duty Naval Enlisted Personnel	OPNAVINST 1120.2
Voluntary Private Health Insurance Conversion Program	NAVMILPERSCOMINST 1760.1
Voluntary Retirement and Transfer to the Fleet Reserve of Members of the Navy and Marine Corps Serving on Active Duty	SECNAVINST 1811.3
PN1	
Career Information Program Management	(TRAMAN - See NAVEDTRA 12061)
Decedent Affairs Manual	NAVMEDCOMINST 5360.1
Educational Services Officer	(TRAMAN - See NAVEDTRA 12061)
Enlisted Transfer Manual, Chapters 6, 12, 13, and 18	NAVPERS 15909
Format and Procedures for Validating the Officer Distribution Control Report	NAVMILPERSCOMINST 1301.2
Manual of Navy Officer Manpower and Personnel Classifications, Volume 1	NAVPERS 15839
Manual of Navy Total Force Manpower Policies and Procedures	OPNAVINST 1000.16
Naval Military Personnel Manual, Chapter 42	NAVPERS 15560
Navy and Marine Corps Records Disposition Manual	SECNAVINST 5212.5
Remission of Indebtedness or Waiver of the Government's Claim Arising from Erroneous Payments Made to or on Behalf of Members of the Naval Service	SECNAVINST 7220.38
Retention Team Manual	NAVPERS 15878
Standard Organization and Regulations of the U.S. Navy	OPNAVINST 3120.32
The Navy Casualty Assistance Calls Program (CACP)	NAVMILPERSCOMINST 1770.1
PNC	
Department of the Navy Social Usage and Protocol Handbook	OPNAVINST 1710.7
Efficiency Review Policy and Procedures	OPNAVINST 5310.14

AIRCREW SURVIVAL EQUIPMENTMAN (PR)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
PR3	AMR Fundamentals	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
PR2	AMR Fundamentals		
PR2	PR2		
PR1	PR 1 & C		
PR1	AMR Supervisor		
PRC	PR 1 & C		
PRC	AMR Supervisor		

Table 2.—Professional References Supporting Navywide Advancement Exams and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
PR3	
PR2	(TRAMAN--See NAVEDTRA 12061)
Blueprint Reading and Sketching	(TRAMAN--See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
NAMP, Vol II	OPNAVINST 4790.2--Chaps 1-6, 8-11, and all Apps
NAMP, Vol III	OPNAVINST 4790.2--Chaps 2, 3, 5, 7-16, and all Apps
NAMP, Vol V	OPNAVINST 4790.2--Chaps 6 and 9
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23--Chaps 1, 2, 4, 5, 7, 8, 14, 18, 19, and 20
Aircraft Weapons System Cleaning and Corrosion Control	NAVAIR 01-1A-509--Secs 1-5
General Use Cartridges, Cartridge Actuated Devices for Aircraft and Unique Aircraft Systems (CADS)	NAVAIR 11-100-1.1--Chaps 1 and 2
Aviation Crew Systems Inflatable Survival Equipment	NAVAIR 13-1-6.1--Chaps 1-20
Aviation Crew Systems Parachutes	NAVAIR 13-1-6.2--WP 003-130
Aviation Crew Systems Rescue and Survival Equipment	NAVAIR 13-1-6.5--Chaps 2-10
Aviation Crew Systems Aircrew Personal Protective Equipment	NAVAIR 13-1-6.7--Chaps 1-14
Aviation Crew Systems Special Mission Aircrew Equipment	NAVAIR 13-1-6.10--Chaps 3-5
PR2	
NATOPS General Flight and Operating Instructions	OPNAVINST 3710.7--Chaps 7 and 8
NATOPS Survival Manual	NAVAIR 00-80T-101--Chap 3
Aviation Crew Systems Seat Survival Kits	NAVAIR 13-1-6.3--Chaps 1-16
Aviation Crew Systems Oxygen Equipment	NAVAIR 13-1-6.4--Chaps 2-25

AIRCREW SURVIVAL EQUIPMENTMAN (PR)

REFERENCE TITLE	IDENTIFYING NUMBER
PR1	
NAMP, Vol V	OPNAVINST 4790.2--Chaps 2, 3, 5, and 8
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23--Chaps 6, 9, 15, and 22
Navy Search and Rescue (SAR) Manual	NWP 19-1--Chaps 1, 2, 5, 6, and 7
PRC	
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
NAMP, Vol I	OPNAVINST 4790.2--Chaps 2-6
NAMP, Vol IV	OPNAVINST 4790.2--Chaps 2-11 and all Apps
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1

QUARTERMASTER (QM)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
QM3	QM3 TRAMAN/NRTC	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
QM2	QM2 TRAMAN QM2 NRTC		
QM1	QM 1&C TRAMAN		
QMC	QM 1&C NRTC		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
QM3	
Allied Maritime Tactical Instructions and Procedures, Chap 2	ATP 1, Volume I
American Practical Navigator Volume I, 1984 ed. Chap 46, App Q	NVPUB9V1
Manual for Ships Surface Weather Observations	NAVOCEANCOMINST 3144.1
Nautical Almanac	None
Navigational Rules	M16672.2
Marine Navigation	Hobbs 3rd edition
Seaman, Chap 2	(TRAMAN--See NAVEDTRA 12061)
Tide Tables and Tidal Current Tables	None
QM2	
American Practical Navigator Vol I, 1984 ed. Chaps 9, 42, 46, & App Q	NAVPU9V1
Dutton's Navigation and Piloting, 14th ed.	U.S. Naval Institute Press, Annapolis 1985
Naval Gunfire Support and Shore Bombardment (Gunsmoke Manual)	CNSLINST 3570.2
QM1	
Allied Maritime Tactical Signal and Maneuvering Book	ATP 1, Volume II
Handbook of Magnetic Compass Adjustment	NVPUB 226
Magnetic Compass Record	NAVSEA 3120/38
QMC	
Allied Maritime Messages	APP 4
Mobility, Logistics, Fleet Support Operations, Non-Combat Operations, and Explosive Ordnance Disposal Exercises	FXP 4

RADIOMAN (RM)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
RM3 & RM2	RM3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
	RM 3&2		
RM1 & RMC	RM 1&C		

Table 2.—Professional References Supporting
Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
RM3	
Allied Call Sign and Address Group System, Instruction and Assignments	ACP 100
Communications Instructions: General (U)	ACP 121
Communications Instructions: General (U) Chaps 1 through 5, and Annex B	ACP 121 US Supp-1
Communications Instructions: Security (U)	ACP 122
Communications Instructions: Radiotelephone Procedures	ACP 125
Communications Instructions: Teletypewriter (Teleprinter) Procedures	ACP 126
Communications Instructions: Tape Relay Procedures	ACP 127
Communications Instructions: Tape Relay Procedures	ACP 127 US Supp-1
Communications Instructions: Operating Signals	ACP 131
Communications Instructions: Operating Signals	ACP 131 US Supp-1
Communications Instructions: Distress and Rescue Procedures	ACP 135
Communications Security Material System (CMS) Policy and Procedures Manual	CMS 1
Department of Defense Password Management Guidelines (See NOTE 2 after RMC listings.)	CSC-STD-002-85
Data Processing Technician Third Class	(TRAMAN--See NAVEDTRA 12061)
Dictionary for Information Processing Systems	FIPS Pub 11-3
Guidelines on Evaluation of Techniques for Automated Personal Identification (See NOTE 3 after RMC listings.)	FIPS Pub 48
Guideline on User Authentication Techniques for Computer Network Access Control (See NOTE 3 after RMC listings.)	FIPS Pub 83

RADIOMAN (RM)

REFERENCE TITLE	IDENTIFYING NUMBER
Automatic Digital Network (AUTODIN) Operating Procedures, Chaps 4 and 7 and Annexes A and B	JANAP 128
Microcomputer Software and Hardware	MIL-HDBK-805(OM)
Military Standard - Interoperability Stds for Data Adapter Control Mode	MIL-STD-188-216
Planned Maintenance System Communications System Test Guide (COMSTG)	NAVELEX 0967-LP-642-6010
Shipboard Antenna Systems, Vol 4, Secs 1 and 2, and App I	NAVSEA 0967-LP-177-3040
Technical Manual for Fleet Multichannel Broadcast System, Receive Subsystem	NAVSHIPS 0967-376-2020
NEETs Module 10 - Introduction to Wave Propagation, Transmission Lines, and Antennas	(TRAMAN--See NAVEDTRA 12061)
NEETs Module 13 - Introduction to Number Systems, Boolean Algebra, and Logic Circuits	(TRAMAN--See NAVEDTRA 12061)
NEETs Module 16 - Introduction to Test Equipment	(TRAMAN--See NAVEDTRA 12061)
NEETs Module 17 - Radio-Frequency Communications Principles	(TRAMAN--See NAVEDTRA 12061)
NEETs Module 20 - Master Glossary and Index	(TRAMAN--See NAVEDTRA 12061)
NEETs Module 21 - Test Methods and Practices	(TRAMAN--See NAVEDTRA 12061)
NEETs Module 22 - Introduction to Digital Computers	(TRAMAN--See NAVEDTRA 12061)
NEETs Module 23 - Magnetic Recording Equipment, Chaps 7 & 8	(TRAMAN--See NAVEDTRA 12061)
Cryptographic Operators Manual (See note 1 after RMC listings)	NSGTP 683-07-44-92
Navy Satellite Operations, Sec I, DSCS, Chaps 1 through 4	NTP 2
Navy Satellite Operations, Sec II, UHF SATCOM	NTP 2
Telecommunications Users Manual	NTP 3
U.S. Navy Address Indicating Group (AIG) and Collective Address Designator (CAD) Handbook	NTP 3 Supp-1
Fleet Communications (U), Chaps 1 through 7 and Annexes D, F, & G	NTP 4
Voice Communications	NTP 5
Recommended Frequency Bands and Frequency Guide	NTP 6 Supp-1
Basic Operational Communications Doctrine (U), Chaps 1, 2, 4 through 12, 21 through 26, App A, and Bibliography	NWP 4
Reporting Meaconing, Intrusion, Jamming, and Interference of Electromagnetic Systems	OPNAVINST 3430.18
Procedures Manual for Over-the-Air Transfer (OTAT) and Over-the-Air Rekey (OTAR)	NAG 16C
Ships' Maintenance and Material Management (3-M) Manual, Chap 5 and Appendix C	OPNAVINST 4790.4
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat--Vol I, Chap B-11; Vol II, Chaps C-1, C-8, and C-9	OPNAVINST 5100.19
Department of the Navy Information and Personnel Security Program Regulation, Chaps 1, 4, 6, 8 through 17, 21, 23, 24, and App B	OPNAVINST 5510.1

RADIOMAN (RM)

REFERENCE TITLE	IDENTIFYING NUMBER
Navy Implementation of National Policy on Control of Compromising Emanations (U)	OPNAVINST C5510.93
Radio Navigational Aids, Pgs 2-12 through 2-18	Pub 117
Department of the Navy Automatic Information Systems (AIS) Security Program	SECNAVINST 5239.2
RM2	
Communications Security Material System (CMS), Cryptographic Equipment Information/Guidance Manual	CMS 5
Secure Telephone Unit Third Generation (STU-III) COMSEC Material Management Manual	CMS 6
Data Processing Technician Second Class	(TRAMAN--See NAVEDTRA 12061)
Strike Warfare (STW), Antisurface Ship Warfare (ASU), Intelligence (INT), Electronic Warfare (ELW), and Command, Control, and Communications (CCC) Exercises - Chap 14	FXP 3
Network User ID and Password Procedures	MIL-HDBK-804(OM)
NEETS, Mod 12 - Modulation Principles	(TRAMAN--See NAVEDTRA 12061)
Commercial Communications Instructions	NTP 9
Mission Communications, Sec 1, Chaps 1 & 2; Sec 2, Chap 5; Sec 4, Chap 3; Sec 5, Chap 1; Sec 8, Chap 1	NTP 11
Naval Warfare Documentation Guide	NWP 0
Battle Group Communications (U)	NWP 10-1-50
Department of the Navy Directives Issuance System, Part II	SECNAVINST 5215.1
RM1	
Guideline for Automatic Data Processing Risk Analysis, (See NOTE 3 after RMC listings.)	FIPS Pub 65
Guidelines for Security of Computer Applications, (See NOTE 3 after RMC listings.)	FIPS Pub 73
Guideline on Integrity Assurance and Control in Database Administration, (See NOTE 3 after RMC listings.)	FIPs Pub 88
Fleet Communications, Annexes A, C, E, H, and I	NTP 4
Basic Operational Communications Doctrine, Chap 27 and App B	NWP 4
Operational Reports, Chaps 4, 6 through 11, and App B	NWP 10-1-10
Naval Operational Planning, Chaps 5, 9, and 10	NWP 11
Standard Organization and Regulations of the U.S. Navy, Chaps 3 & 6	OPNAVINST 3120.32
Department of the Navy Security Program for Automatic Data Processing Systems	OPNAVINST 5239.1
Department of the Navy Automated Data System Document Standards	SECNAVINST 5233.1

RADIOMAN (RM)

REFERENCE TITLE	IDENTIFYING NUMBER
RMC	
Submission of Telecommunications Service Requests	DISA Circular 310-130-1
Security Policy for the Worldwide Military Command and Control System Intercomputer Network	JCS Pub 6-03.7
Fleet Communications	NTP 4
Spectrum Management Manual	NTP 6
Basic Operational Communications Doctrine	NWP 4
Naval Operational Planning Chap 13, App C	NWP 11
Ships' Maintenance and Material Management (3-M) Manual, Chaps 3, 6, 13, and App F	OPNAVINST 4790.4
Afloat Communications Systems Criteria Handbook, Vol 1, Concepts and Operational Requirements	SPAWAR 0967-LP-301-7010
Afloat Communications Systems Criteria Handbook, Vol 3, Equipment Characteristics	SPAWAR 0967-LP-301-7030
<p>NOTE 1: Order NSGTP 683-07-44-92 from: Commanding Officer NETPMSA Code 035 6490 Saufley Field Road Pensacola, FL 32509-5035</p> <p>NOTE 2: Order CSC-STD-002-85 from: Department of Defense, Computer Security Center, Office of Standards and Products, (ATTN: Chief, Computer Security Standards) Fort George G. Meade, MD 20755</p> <p>NOTE 3: Order FIPS Pubs from: Standardization Documents Order Desk, Building 4D 700 Robbins Avenue Philadelphia, PA 19111-5094</p>	

RELIGIOUS PROGRAM SPECIALIST (RP)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
RP3	RP 3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
RP2	RP 3&2 Mod 1		
RP2	RP 3&2 Mod 2		
RP2	RP 3&2 Mod 3		
RP1			
RPC	RP 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
RP3	
Navy Customer Service Manual	(TRAMAN - See NAVEDTRA 12061)
Department of the Navy File Maintenance Procedures and Standard Subject Identification Codes (SSIC)	SECNAVINST 5210.11
Navy & Marine Corps Records Disposal Manual	SECNAVINST 5212.5
Department of the Navy Directives Issuance System	SECNAVINST 5215.1
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
Physical Security and Loss Prevention -- Chaps 1-3	OPNAVINST 5530.14
Naval General Library Manual	NAVEDTRA 38021
Religious Offering Funds	OPNAVINST 7010.6
SK 3&2--Chaps 4, 6, and App AIII	(TRAMAN - See NAVEDTRA 12061)
NEETS, Mod 22, Introduction to Digital Computers	(TRAMAN - See NAVEDTRA 12061)
Shore and Fleet Small Purchase and Other Simplified Purchase Procedures -- Encl 2, Chap 2, and Encl 4	NAVSUPINST 4200.85
JO 1&C -- Chap 5	(TRAMAN - See NAVEDTRA 12061)
YN 3 -- Chaps 5 & 7	(TRAMAN - See NAVEDTRA 12061)
RP2	
Decedent Affairs Manual	NAVMEDCOMINST 5360.1
Religious Ministries in the Navy	OPNAVINST 1730.1
Navy Military Funerals	NAVPERS 15555
Employment of Civilian Clergy	SECNAVINST 1730.3
SK 3&2 -- Chap 8	(TRAMAN - See NAVEDTRA 12061)
DP 3 -- Chap 13	(TRAMAN - See NAVEDTRA 12061)
DP 2 -- Chaps 6 & 9	(TRAMAN - See NAVEDTRA 12061)
Proper Use of Contractor Personnel	SECNAVINST 4200.27

RELIGIOUS PROGRAM SPECIALIST (RP)

REFERENCE TITLE	IDENTIFYING NUMBER
RP1	
Chapels and Religious Education Facilities	NAVFAC DM-37-06
Financial Management in the Navy -- Chaps 4, 5, and 8	(TRAMAN - See NAVEDTRA 12061)
SK 3&2 -- Chap 9	(TRAMAN - See NAVEDTRA 12061)
JO 1&C -- Chaps 4 & 8	(TRAMAN - See NAVEDTRA 12061)
RPC	
Federal Acquisition Regulations -- Parts 13 & 37	FAR
Financial Management in the Navy -- Chap 14	(TRAMAN - See NAVEDTRA 12061)
DP 1 & C -- Chaps 3 & 5	(TRAMAN - See NAVEDTRA 12061)

SHIP'S SERVICEMAN (SH)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
SH3	SH 3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
SH2	SH 2		
SH1	SH 1&C		
SHC			

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
SH3	
Ship's Store Afloat	NAVSUP P-487
NAVMASSO Terminal Users Guide	S-007, UG-002A
Afloat Supply Procedures	NAVSUP P-485
Consolidated Afloat Requisitioning Guide, Overseas	NAVSUP P-4998
Ship's Store Afloat Handbook	Publication Number 17
NO ADDITIONAL BIBLIOGRAPHY FOR SH2, SH1, AND SHC	

STOREKEEPER (SK)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
SK3	SK 3&2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
SK2			
SK1	SK 1&C		
SKC			

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
SK3	
Afloat Supply Procedures	NAVSUP P-485
Automated SNAP I Supply Procedures, Vol I Logistics and Inventory Management	NAVSUP P-567
Financial Management of Resources-Operating Procedures,	NAVSO P-3013-2, Chapter 4
Navy Customer Service Manual	(TRAMAN - See NAVEDTRA 12061)
Subject Identification Codes (SSIC)	SECNAVINST 5210.11
Uniform Material Movement and Issue Priority System (UMMIPS)	OPNAVINST 4614.1
SUADPS-RT Support Procedures, Vol I, Inventory Management Subsystem	NAVMASSO Document No. S-004 SP-001
SUADPS-RT Support Procedures, Vol II, Logistics Management Subsystem	NAVMASSO Document No. S-004 SP-001
Storage and Materials Handling, Vol I, Chapter 4	DOD 4145.19-R-1
SK2	
Supply Afloat Packaging Procedures	NAVSUP P-484
Navy Comptroller Manual, Vol 2	NAVSO P-1000
Financial Management of Resources-Operating Procedures	NAVSO P-3013-2
Shore and Fleet Small Purchase and Other Simplified Purchase Procedures	NAVSUPINST 4200.85
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4 - Chapter 5
COSAL Use and Maintenance Manual	SPCCINST 4441.170 - Chapter 5
SUADPS-RT Support Procedures, Vol III, Financial Management Subsystem	NAVMASSO Document No. S-004 SP-001
SK1	
MILSTRIP/MILSTRAP	NAVSUP P-437

STOREKEEPER (SK)

REFERENCE TITLE	IDENTIFYING NUMBER
Afloat Shopping Guide, Vols 1-6	NAVSUP P-4400
Consolidated Afloat Requisitioning Guide, Overseas	NAVSUP P-4998
Financial Management of Resources-Fund Administration	NAVSUP P-3013-1
DOD Hazardous Material Information System (HMIS)	NAVSUPINST 5100.27
SKC	
Naval Supply Systems Command Manual, Vol II, Chapters 1,4, and 6	NAVSUP
Navy and Marine Corps Records Disposition Manual, Part III	SECNAVINST 5212.5

SIGNALMAN (SM)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
SM3	SIGNALMAN TRAMAN SM 3 & 2 NRTC	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
SM2			
SM1	SIGNALMAN TRAMAN SM 1 & C NRTC		
SMC			

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
SM3	
Allied Maritime Tactical Signal and Maneuvering Book	ATP 1, Volume II
Allied Naval Control of Shipping Manual Guide to Masters	ATP 2, Volume II
Chemical Warfare Directional Detector	NAVSEA SW073-AA-MMO-010
Communications Instructions General	ACP 121
Communications Instructions Operating Signals	ACP 131
Communications Instructions Radiotelephone Procedures	ACP 125
Communications Instructions Visual Signaling Procedures	ACP 129
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Dutton's Navigation and Piloting (14th Ed)	U.S. Naval Institute Press, Annapolis, 1985
Flags, Pennants and Customs	NTP 13
International Code of Signals	Pub No. 102
Jane's Fighting Ships	Current Edition
Lookout Training Handbook	(TRAMAN--See NAVEDTRA 12061)
Naval Telecommunications Procedures Fleet Communications, Chap 8	NTP 4
Navigation Rules, International-Inland	COMDTINST M16672.2
Night Vision Goggles AN/PVS - 5A	NAVSEA SW215-AF-MMO-010
Night Vision Sight, Mk 37	NAVSEA SW215-AB-MMO-010
Pyrotechnic Signals	ACP 168
Replenishment at Sea	NWP 14
Ship to Shore Movement	NWP 22-3
Ship Binocular, 20 Power, Mk 3, Mod 4 & 5	NAVSEA S9421-AA-MMA-010

SIGNALMAN (SM)

REFERENCE TITLE	IDENTIFYING NUMBER
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4
Telecommunications User Manual	NTP 3
Recognition Identification Guide to Ship Associated Flags, Ensigns and Aircraft Rondel Markings (RIG SAFEARM)	NISC Pub
United States Navy Regulations, Chap 12, 1990	None
SM2	
Basic Operational Communications Doctrine	NWP 4
NSTM, Chap 422, Navigation and Signal Lights	S9086-N2-STM-000
SM1	
Allied Naval Control of Shipping Manual Guide to Masters	ATP 2, Volume II, Bridge Supplement
Navy and Marine Corps Record Disposition Manual	SECNAVINST 5212.5
Strike Warfare (STW), Antisurface Ship Warfare (ASW), Intelligence (INT), Electronic Warfare (ELW), and Command, Control and Communications (CCC) Exercises	FXP 3
SMC	
Naval Telecommunications Procedures Fleet Communications	NTP 4
NSTM, Chap 090, Inspections, Tests, Records and Reports	S9086-CZ-STM-000
Ship Configuration and Logistics Support Information System (SCLSIS)	NAVSEA S0752-AA-SPN-010

SONAR TECHNICIAN (STG)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
STG3 & STG2	STG 3&2, Vol 1	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
	STG 3&2, Vol 2		
STG1 & STGC	STG 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
STG3	
Naval Warfare Documentation Guide	NWP 0
Passive Acoustic Classification Reference Manual (U)	NWP 16 (Rev A)
Passive Acoustic Classifications Reference Manual, Pocket Guide (U)	NWP 16 (Rev A)
Principles of Lofargram Analysis (U), Vols 1 & 2	NWP 24-1-1, NWP 24-1-2
Signature Catalog: CIS Diesel and Nuclear Submarines, Passive Acoustic Classifications Reference	NWP 24-2
U.S. Nuclear Submarine Data Handbook	NWP 24-3
Foreign Submarine Data Handbook	NWP 24-4
Surface Ship Passive Localization and Target Motion Analysis (U)	NWP 60-3
Surface Ship Active and Passive Sonar Systems and Tactics	NWP 61-1
Surface Ship Acoustic Prediction Systems and Tactics (U)	NWP 61-3
DD 963 Class Tactical Manual (U)	NWP 65-2
CGN 38 Class Tactical Manual (U)	NWP 65-3
FFG 7 Class Tactical Manual (U)	NWP 65-4
CGN 36 Class Tactical Manual (U)	NWP 65-9
DDG 993 Class Tactical Manual (U)	NWP 65-16
CG 47 Class Tactical Manual (U)	NWP 65-17
CG 52 Class Tactical Manual (U)	NWP 65-28
Allied Maritime Tactical Instructions and Procedures, Vols I & II	ATP 1
Allied Antisubmarine Warfare Manual	ATP 28(A)
Allied Submarine and Antisubmarine Exercise Manual	AXP 1(B)
Submarine and Antisubmarine Exercises	FXP 1 (Rev J)

SONAR TECHNICIAN (STG)

REFERENCE TITLE	IDENTIFYING NUMBER
FFG-7 Class Combat System Doctrine	COMNAVSURFLANTINST C3516.13C/COMNAVSURPACINST C3516.3B
CG-52 Class Combat System Doctrine	COMNAVSURFLANTINST C3516.39/COMNAVSURPACINST C3516.39
DD-963 Class Combat System Doctrine	COMNAVSURFLANTINST C3516.6D/COMNAVSURFPACINST C3516.6C
COMNAVOCEANCOM Tactical Support Products Manual (U)	NAVOCEANCOMINST C3140.22
Fleet Oceanographic and Acoustic Reference Manual	RP-33
Bathymograph Log	OCEANAV 3167/1
Sonar Contact Log	OPNAV 3100/13
Maneuvering Board Manual	PUB 217
Standard Fire Control Symbols for Underwater Related Quantities, Vol 2	NAVORD OP 1700
Basic Liquid Cooling Systems for Shipboard Electronics Technicians Handbook	NAVSEA 0948-LP-122-8010
Technical Manual for Sonar Dome Rubber Window SDRW-1, DD-963, DDG 993, and CG-47 Class Vessels	S9165-AH-MMA-010
Technical Manual for AN/SQS-56 Sonar Rubber Dome for FFG-7 Class Vessels	S9165-AH-MMA-010/03481
System General Information Manual for Sonar Detecting-Ranging Set AN/SQS-53A, Man 1	NAVSEA 0967-LP-490-4010
Operators Manual for Sonar Detecting-Ranging Set AN/SQS-53A, Man 2	NAVSEA 0967-LP-540-6010
Operation/Maintenance Instructions Sonar Set AN/SQS-56	SE315-DT-MMO-010
Operation and Maintenance Instructions for Sonar Signal Processing Set AN/SQR-17, Vol 1	SE320-NV-MMA-010
Sonar Recieving Set AN/SQR-19(V) Description, Operation and Maintenance, Vol 1	SE320-QV-MMA-010
Sonar Recieving Set AN/SQR-19(V) Description, Operation, and Maintenance, Vol 2	SE320-QV-MMA-020
System Operation and Maintenance Manual for AN/SQS-53B(V)	SE313-TP-MMA-010/(C)
Technical Manual for Sonar Detecting Set, AN/SQS-53C(V) Vols 1 & 2	SE313-TI-MMA-020 and SE313-T1-MMA-010
Sonar Signal Processor System, AN/SQQ-28(V), Vol 1	SE314-GV-MMA-010
Operation and Maintenance Instructions for Sonar Signal Processing Set AN/SQR-17A(V)	SE320-NV-MMA-010
System Operator's Manual for Underwater Fire Control System MK 116, Mods 1, 2, 3 with ORDALTS 30293, 30394, and 30295	SW 181-AI-OPI-010

SONAR TECHNICIAN (STG)

REFERENCE TITLE	IDENTIFYING NUMBER
Technical Manual Description, Safety, Operation, Maintenance, Alignment, and Alignment Data Surface Ship ASW System with Underwater Fire Control System Mk 116 Mod 0 for DD 963 Ship Class, (Vol 1 of 3)	OP 4258
Technical Manual Operation and Installation Data Surface Ship ASW System with Underwater Fire Control System Mk 116 Mod 0 for DD 963 Ship Class, (Vol 2 of 3)	OP 4258
Surface Ship ASW System with Underwater Fire Control System Mk 116 Mod 1	CODE IDENT 10001 OP 4243
Surface Ship ASW System with Underwater Fire Control System Mk 116 Mod 2	OP 4501
Surface Ship ASW System with Underwater Fire Control System MK 116 Mod 4	SW 180-A4-OPI-010
Surface Ship ASW System with Underwater Fire Control System Mk 116 Mod 5 (ASWCS) (Baseline 1)	OP-4258 Supplement 2
Surface Ship ASW Systems with UFCS Mk 116 Mod 6 (CG-56)	SW 181-A6-MMO-010
Technical Manual Surface Ship ASW System with Control Panel Mk 309 Description, Operation, Safety, and Weapon Handling	CODE IDENT 10001 OP 4407
Technical Manual for Sonar Sounding Set AN/UQN-4	NAVSEA 0967-LP-411-9010
Technical Manual Operations Instructions Sonar Communication Set AN/WQC-2A	NAVSEA 0967-LP-490-1640
Sonar Communication Set AN/WQC-6(EC-1) & AN/WQC-6; Operation and Maintenance	SE343-FO-MMO-010
Maintenance Manual for Bathythermograph Set AN/SSQ-61, -61A	SE365-AA-MMM-010
Technical Manual for Bathythermograph/Sound Velocimeter AN/BQH-7 Oceanographic Data System for Surface Ship Application	SE365-BA-MMO-010/BQH-7
Maintenance Manual for Torpedo Countermeasures Transmitting Set AN/SLQ-25	SE376-HO-MMA-010
Operator Manual for AN/UYQ-25A(V)2 Data Processing System	SE394-C2-OPI-A10
Technical Manual Mobile Target Mk 38 (Mods 0 Through 4)	SW-900-BO-OPI-010
Technical Manual Mobile Target Mk 38 Mod 5	SW581-A5-OPI-010
Technical Manual for Surface Vessel Torpedo Tube Mk 32 Mods 5 and 7	SW 395-AW-MMO-010/OP 3355
Technical Manual for Surface Vessel Torpedo Tube Mk 32 Mod 14 and Bulkhead Mounted Control Box Mk 60 Mod 0	SW 395-AE-MMO-010/MK 32
Technical Manual for Mk 46 Mod 5 Torpedo	SW 515-A5-MMM-010

SONAR TECHNICIAN (STG)

REFERENCE TITLE	IDENTIFYING NUMBER
Firing Craft Procedures for Torpedo Mk 46 Mod 1, Mod 2, and Mod 5 (Surface Vessel Torpedo Tubes)	SW 515-A0-PRO-020
Surface Ship Torpedo, Detection, Identification, Countermeasure Employment and Evasion, (DICE)	TACNOTE SZ 5050-4-87
Technical Manual For Mine Neutralization System AN/SLQ-48(V)	SW 570-AA-OMI-010
DATOM System General Information for Classifying Detecting Set, Mine AN/SQQ-30	SE 315-PX-MMM-010/(C)
Operating Manual for Classifying Detecting Set, Mine AN/SQQ-30(U)	SE 315-PX-MMM-020/(C)
Mine Countermeasure Planning and Procedures (General Instructions)	NWP 27-1-1 (Rev A)
Mine Countermeasure Operations	NWP 27-2 (Rev A)
Antisubmarine Warfare Tactical Airborne Information Manual	NWP 55-2-2 (Rev E)
Navy Occupational Safety and Health Program Manual for Forces Afloat	OPNAVINST 5100.19B, Vols I & II
United States Navy Ordnance Safety Precautions	NAVSEA OP 3347 (2nd Revision)
STG2	
NEETS--Mods 1 through 9, 13, 15, 16, and 22	(TRAMAN--See NAVEDTRA 12061)
EIMB Test Methods and Practices	NAVSEA 0967-LP-000-0130
EIMB Maintenance	NAVSEA SE000-00-EIM-160
EIMB Installation Standards, Secs 1, 3, and 6	NAVSEA SE000-00-EIM-110
EIMB Electronic Circuits	NAVSEA 0967-LP-000-0120
EIMB Sonar	NAVSEA SE0000-00-EIM-030
STG1	
EIMB Installation Standards	NAVSEA SE000-00-EIM-010
Fleet Exercise Data Collection Manual	NTSA-DC11-101
Operational Reports, Chapter 4	NWP 10-1-10
Ship's Maintenance and Material Management (3M)	OPNAVINST 4790.4
STGC	
Torpedo Mk 46 Firing Reporting System	NAVSEA 8585.1C

SONAR TECHNICIAN (STS)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
STS3	STS 3&2, Vol 1	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
STS2	STS 3&2, Vol 2		
STS1 & STSC	STS 1 & C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
STS3	
Applicable Technical Manuals	
Naval Warfare Documentation Guide	NWP 0
Allied Antisubmarine Warfare Manual	ATP 28
Applicable NWP 76-Series Publications	
Applicable COMSUBDEVRON TWELVE TACMEMOs	
Tactical Use of the Ocean Environment	NWP 70-1
Target Motion Analysis (TMA) Techniques	NWP 71-1-1
Towed Array Target Motion Analysis (TMA) Techniques	NWP 71-1-2
DORA System Procedures Manual--Formatted Logs	
Sonarmans Guide to Biologics	NUSC TD-181
Principles of Lofargram Analysis, Vol 1	NWP 24-1-1
Principles of Lofargram Analysis, Vol 2	NWP 24-1-2
U.S. Nuclear Submarine Data Handbook	NWP 24-3
Passive Acoustic Classification Reference Manual	NWP 16
Passive Acoustic Classification Reference Manual, Pocket Guide	NWP 16-1
ACINT Newsletter (All issues not more than 2 years old)	NIC SXAP-XXX-YR
Applicable DIA Publications Describing Specific Contacts	(DIA 1210S, and 1260S)
Applicable DIA Publications Describing Sonar Equipment	(DIA 1235H)
ACINT Collection Guide	NIC 1299G-001-91
Operation and Data Gathering Procedures--Data Gathering Set AN/BQH-5(V)5	CDN SWC-SIG-S93/107-732
Operation and Data Gathering Procedures--Data Gathering Set, AN/BQH-5(V) 4	SE394-V4-OPI-010

SONAR TECHNICIAN (STS)

REFERENCE TITLE	IDENTIFYING NUMBER
Platform Noise Monitoring	S9073-AS-PNM-010 and S9073-AR-PNM-010
Ship Acoustical Survey	S9073-AW-SNC-010
Submarine Force Maintenance Manual	COMSUBLANT/COMSUBPACINST 4790.4
EIMB Electronic Circuits, Sec 2, Pts 0, 1, and 5; Sec 3, Pts 0 and 1; Sec 4, Pts 1 and 2; Sec 5, Pts 0 through 7; Secs 7 and 14 through 16	NAVSEA 0967-LP-000-0120
EIMB Installation Standards, Secs 1 and 6	NAVSEA 0967-LP-000-0110
EIMB Test Equipment, Sec 1; Sec 2, Pts 2-1 through 2-4 and 2-6 through 2-8	NAVSEA SE000-00-EIM-O40
EIMB Test Methods and Practices, Sec 1; Sec 2, Pts 1 through 10, 13, and 14	NAVSEA 0967-LP-000-0130
EIMB General Maintenance, Sec 2, Pts 3 through 6; Sec 6, Pts 2, 4, and 5	NAVSEA SE000-00-EIM-160
NEETS--Mods 1 through 8, 13, 15, 16, 22, and 23	(TRAMAN--See NAVEDTRA 12061)
Ships' Maintenance and Material Management (3-M) Manual and Ships' 3-M Users Manual	OPNAVINST 4790.4 and SL 790-AB-URM-010/3-M
Operational Reports	NWP 10-1-10
Applicable Ship's Local Instructions and Standing Orders	
STS2	
Allied Antisubmarine Operations Manual	AXP-1
Submarine Search Manual	NWP 73
Submarine Approach and Attack Manual	NWP 71
Submarine Tracking Manual	NWP 74
Submarine Tactical Security Manual	NWP 75
Applicable NWP 79-Series Publications	
Antisubmarine Warfare (ASW) Exercises	FXP 1
Strike Warfare (STW), Antisurface Ship Warfare (ASU), Intelligence (INT), Electronic Warfare (ELW), and Command, Control, and Communications (CCC) Exercises	FXP-3
Evasion, Pyrotechnic, and Signal Device Reference Manual	NWP 75-1
Department of the Navy Information and Personnel Security Program Regulation, Chaps 6, 9, and 17	OPNAVINST 5510.1
EIMB Electronic Circuits, Sec 5, Pts 8 and 9; Sec 6, Pts 1 and 2; Secs 11 through 13	NAVSEA 0967-LP-000-0120
Submarine Arctic Operations Manual	NWP 79-3
EIMB Test Methods and Practices, Sec 3, Pars 9, 12, 13, and 16 through 18	NAVSEA 0967-LP-000-0130
EIMB General Maintenance Sec 5, Pts 5 through 7	NAVSEA SE000-00-EIM-160
NEETS--Mods 9, 12, 14, and 21	(TRAMAN--See NAVEDTRA 12061)

SONAR TECHNICIAN (STS)

REFERENCE TITLE	IDENTIFYING NUMBER
STS1	
EIMB Test Methods and Practices	NAVSEA 0967-LP-000-0130
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
STSC	
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat, Vols I and III	OPNAVINST 5100.19

STEELWORKER (SW)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
SW3/SW2	SW 3 & 2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
SW3	SEABEE Combat Handbook, Vol. 1		
SW1	SW 1		
SW1	NCF/SEABEE PO1		
SWC	NCF/SEABEE CPO		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
SW3	
BU 3 & 2	(TRAMAN--See NAVEDTRA 12061)
EO 3	(TRAMAN--See NAVEDTRA 12061)
Blueprint Reading and Sketching	(TRAMAN--See NAVEDTRA 12061)
The Metric System	(TRAMAN--See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
Mathematics, Vol. 1	(TRAMAN--See NAVEDTRA 12061)
Navy Driver's Handbook	NAVFAC MO-403
SW2	
Naval Safety Supervisor	(TRAMAN--See NAVEDTRA 12061)
Naval Construction Force Manual	NAVFAC P-315
Facilities Planning Guide, Vol. I	NAVFAC P-437
Facilities Planning Guide, Vol. II	NAVFAC P-437
SEABEE Planner's and Estimator's Handbook	NAVFAC P-405
Safety and Health Requirements Manual (U.S. Army Corps of Engineers)	EM-385-1-1
Welding Materials Handbook	NAVFAC P-433
Naval Construction Force Table of Allowance	TA-01

STEELWORKER (SW)

REFERENCE TITLE	IDENTIFYING NUMBER
SW1	
MR 1 & C	(TRAMAN--See NAVEDTRA 12061)
Operations Officer's Handbook	COMSECOND/ COMTHIRDNCBINST 5200.2
Construction Battalion Unit Handbook	NAVFAC P-314
Organization and Functions of Public Works Departments	NAVFAC P-318
Facilities Management	NAVFAC MO-321
Maintenance Management of Shore Facilities for Small Activities	NAVFAC MO-321.1
Inspection of Shore Facilities, Vol. I	NAVFAC MO-322
Maintenance Management Program for Naval Construction Force (NCF) Camps	COMSECOND/ COMTHIRDNCBINST 11014.2
Personnel Readiness Capabilities Program, Vol. I	NAVFAC P-458
Personnel Readiness Capabilities Program, Vol. II	NAVFAC P-458
SEABEE Supply Manual	COMSECOND/ COMTHIRDNCBINST 4400.3
Construction Inspector's Guide	NAVFAC P-456
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
Oil Spill Control for Inland Waters and Harbors	NAVFAC P-908
Hazardous Material Control Program	OPNAVINST 4110.2
Environmental and Natural Resources Protection Manual	OPNAVINST 5090.1
Groundwater Pollution Control	DM-5.14
SWC	
Solid Waste Disposal	DM-5.10
Embarkation Manual	COMSECOND/ COMTHIRDNCBINST 3120.1
Embarkation in U.S. Naval Ships	OPNAVINST 5720.2
Naval Construction Force Equipment Management Manual	NAVFAC P-404
Contracting Manual	NAVFAC P-68
Financial Management of Resources	NAVSO P-3006-1
Financial Management in the Navy	(TRAMAN--See NAVEDTRA 12061)

TORPEDOMAN'S MATE (TM)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements for TM (Submarine).

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
TM3	TM 3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
TM2	TM 2		
TM 1&C	TM 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS for TM (Submarine).

NOTE

THE FOLLOWING REFERENCES WERE REVISED AFTER THE 1995 ADVANCEMENT HANDBOOK FOR TORPEDOMAN'S MATE WAS PRINTED AND DISTRIBUTED. THERE ARE, THEREFORE, SOME DIFFERENCES IN THESE REFERENCES AND THOSE LISTED IN THE HANDBOOK. WHERE SUCH DIFFERENCES EXIST, THIS LISTING SHOULD BE USED.

REFERENCE TITLE	IDENTIFYING NUMBER
TM3 (Submarine)	
Afloat Supply Procedures	NAVSUP P-485
Ammunition Afloat	NAVSEA OP 4
Blueprint Reading & Sketching	(TRAMAN--SEE NAVEDTRA 12061)
Conventional Weapons Manual	C8500.4
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Firing Craft Operating Procedures and Checklists	OD 44979 (Series)
Fluid Power	(TRAMAN--SEE NAVEDTRA 12061)
GMG 3&2	(TRAMAN--SEE NAVEDTRA 12061)
Guide for User Maintenance of NAVSEA Tech. Manuals	S0005-AA-GYD-030/TMMP
Harpoon Missile	SW-820 (SERIES)
Health Hazards of Otto Fuel II	NAVMEDCOMINST 6270.1
MK 48 ADCAP Torpedo (All Mods)	SW513-EO-MMA-010/(C)
MK 48 Torpedo (All Mods)	NAVSEA OP 4020
MOSS Mk 70 Mod 0, Vols 1 and 2	OP 4336
Navy Nuclear Weapons Security Manual	OPNAVINST C8126.1
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat, Vols 1 and 3	OPNAVINST 5100.19
NEETS, Mods 1 through 23	(TRAMAN--SEE NAVEDTRA 12061)

TORPEDOMAN'S MATE (TM)

REFERENCE TITLE	IDENTIFYING NUMBER
OTTO Fuel II Vapor Detector Mk 15 Mod 0	NAVSEA OP S6340-AF-MMO-010
OTTO Fuel II Safety, Storage, and Instructions	S6340-AA-MMA-010
Pyrotechnic, Screening, Marking, and Countermeasure Devices	SW050-AB-MMA-010
Ships Maintenance and Material Management (3-M Manual)	OPNAVINST 4790.4
SK 3&2	(TRAMAN--SEE NAVEDTRA 12061)
Submarine Torpedo Tubes and Weapons Handling Systems Interface Manual	SW395-AA-IFM-/SWIM (SERIES)
Tomahawk Cruise Missile	SW-820 (SERIES)
Undersea Warfare Systems Digest	
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--SEE NAVEDTRA 12061)
Vertical Launch System	S9SSN-W4-SSN-BSO/(C) 688CLV2P12
TM2 (Submarine)	
Conventional Ammunition Integrated Management System	SPCCINST 8010.12
COSAL Use and Maintenance Manual	SPCCINST 4441.170
Department of the Navy Physical Security Instruction for Sensitive Conventional Arms, Ammunition, and Explosives (AA&E)	OPNAVINST 5530.13
Ship Configuration and Logistics Support Information System	S0752-AA-SPN-010/SCLISIS
Shipboard Ammunition Handling and Stowage	NSTM S9086-XG-STM-001, CH 700
Submarine Force Quality Assurance Manual	COMSUBLANT/COMSUBPACINST 4855.2
Torpedo Management Information System	TW510-AA-PRO-/TMIS (SERIES)
Wire and Fiber Rope and Rigging	NSTM S9086-UU-STM-010, CH 613
TM1 (Submarine)	
Afloat Safety Program	OPNAVINST 5100.21
Electromagnetic Radiation Hazards, Volumes 1 and 2	NAVSEA OP 3565
Handling Ammunition, Explosives, and Hazardous Materials with Industrial Materials Handling Equipment (MHE)	NAVSEA OP 4098
Naval Safety Supervisor	(TRAMAN--SEE NAVEDTRA 12061)
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
US Navy Explosives Safety Policies, Requirements and Procedures (Department of the Navy Explosives Safety Policy Manual)	OPNAVINST 8023.2
USN Ordnance Safety Precautions	NAVSEA OP 3347
TMC (Submarine)	
Combat Systems and Weapons Department Management	(TRAMAN--SEE NAVEDTRA 12061)
Department of the Navy Directives Issuance System	SECNAVINST 5215.1

TORPEDOMAN'S MATE (TM)

REFERENCE TITLE	IDENTIFYING NUMBER
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
Standard Organization and Regulations of the USN	OPNAVINST 3120.32

TORPEDOMAN'S MATE (TM)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements for TM (Surface).

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
TM3	TM 3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
TM2	TM 2		
TM 1&C	TM 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS for TM (Surface).

NOTE

THE FOLLOWING REFERENCES WERE REVISED AFTER THE 1995 ADVANCEMENT HANDBOOK FOR TORPEDOMAN'S MATE WAS PRINTED AND DISTRIBUTED. THERE ARE, THEREFORE, SOME DIFFERENCES IN THESE REFERENCES AND THOSE LISTED IN THE HANDBOOK. WHERE SUCH DIFFERENCES EXIST, THIS LISTING SHOULD BE USED.

REFERENCE TITLE	IDENTIFYING NUMBER
TM3 (Surface)	
Ammunition and Explosives Ashore	NAVSEA OP 5
Ammunition Afloat	NAVSEA OP 4
Blueprint Reading & Sketching	(TRAMAN--See NAVEDTRA 12061)
Conventional Weapons Manual	C8500.4
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Fluid Power	(TRAMAN--See NAVEDTRA 12061)
GMG 3&2	(TRAMAN--See NAVEDTRA 12061)
Guide for User Maintenance of NAVSEA Technical Manuals	S0005-AA-GYD-030/TMMP
Harpoon Missile	SW-820 (SERIES)
Health Hazards of Otto Fuel II	NAVMEDCOMINST 6270.1
Magazine Sprinkler Systems	S9522-AA-HBK-010
Mk 46 Mod 5 Torpedo	SW515-A5-MMM-010/(C)
Mk 50 Torpedo (All Mods)	SW516-AA-MMM-010/(C)
Mk 48 ADCAP Torpedo (All Mods)	SW513-EO-MMA-010/(C)
Mk 48 Torpedo (All Mods)	NAVSEA OP 4020

TORPEDOMAN'S MATE (TM)

REFERENCE TITLE	IDENTIFYING NUMBER
MOSS Mk 70 Mod 0, Vols 1 and 2	OP 4336
Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat, Vols 1 and 2	OPNAVINST 5100.19
Navy Nuclear Weapons Security Manual	OPNAVINST C8126.1
NEETS, Mods 1 through 23	(TRAMAN--See NAVEDTRA 12061)
OTTO Fuel II Safety, Storage, and Instructions	S6340-AA-MMA-010
OTTO Fuel II Vapor Detector Mk 15 Mod 0	NAVSEA OP S6340-AF-MMO-010
Pyrotechnic, Screening, Marking, and Countermeasure Devices	SW050-AB-MMA-010
Ships Maintenance and Material Management (3-M Manual)	OPNAVINST 4790.4
SK 3&2	(TRAMAN--See NAVEDTRA 12061)
Tomahawk Cruise Missile	SW-820 (SERIES)
Undersea Warfare Systems Digest	
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
Vertical Launch System	SW-820 (SERIES)
TM2 (Surface)	
Conventional Ammunition Integrated Management System	SPCCINST 8010.12
COSAL Use and Maintenance Manual	SPCCINST 4441.170
Cranes	NSTM S9086-T4-STM-010, Ch 589
Department of the Navy Physical Security Instruction for Sensitive Conventional Arms, Ammunition, and Explosives (AA&E)	OPNAVINST 5530.13
Motor Vehicle Driver's Handbook Ammunition, Explosives and Related Hazardous Materials	NAVSEA OP 2239
Naval Ordnance Quality Assurance Procedures for Fleet Activities	NAVSEA QAP 100
Ship Configuration and Logistics Support Information System	S0752-AA-SPN-010/SCLISIS
Shipboard Ammunition Handling and Stowage	NSTM S9086-XG-STM-001, CH 700
Submarine Force Quality Assurance Manual	COMSUBLANT/COMSUBPACINST 4855.2
Torpedo and Advanced Underwater Weapons Recovery Equipment, Vessels, and Procedures	SW591-AC-PRO-010/EQUIPVESPRO
Torpedo Management Information System	TW510-AA-PRO-/TMIS (SERIES)
Weapons System Quality Assurance Manual	COMSUBLANTINST 4355.4
Wire and Fiber Rope and Rigging	NSTM S9086-UU-STM-010, CH 613
TM1 (Surface)	
Afloat Safety Program	OPNAVINST 5100.21
Electromagnetic Radiation Hazards, Volumes 1 and 2	NAVSEA OP 3565

TORPEDOMAN'S MATE (TM)

REFERENCE TITLE	IDENTIFYING NUMBER
Handling Ammunition, Explosives, and Hazardous Materials with Industrial Materials Handling Equipment (MHE)	NAVSEA OP 4098
Naval Safety Supervisor	(TRAMAN--See NAVEDTRA 12061)
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23
US Navy Explosives Safety Policies, Requirements and Procedures (Department of the Navy Explosives Safety Policy Manual)	OPNAVINST 8023.2
USN Ordnance Safety Precautions	NAVSEA OP 3347
TMC (Surface)	
Combat Systems and Weapons Department Management	(TRAMAN--See NAVEDTRA 12061)
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
Department of the Navy Directives Issuance System	SECNAVINST 5215.1
Standard Organization and Regulations of the USN	OPNAVINST 3120.32
USN Ordnance Safety Precautions	NAVSEA OP 3347

UTILITIESMAN (UT)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
UT3	UT 3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
UT3	SEABEE Combat Handbook, Vol. 1		
UT2	UT 2		
UT1	UT 1		
UT1	NCF/SEABEE PO1		
UTC	NCF/SEABEE CPO		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
UT3	
BU 3 & 2, Vol. 1	(TRAMAN--See NAVEDTRA 12061)
The Metric System	(TRAMAN--See NAVEDTRA 12061)
Maintenance and Operation of Water Supply, Treatment, and Distribution Systems	NAVFAC MO-210
Operation and Maintenance of Domestic and Industrial Wastewater Systems	NAVFAC MO-212
Blueprint Reading and Sketching	(TRAMAN--See NAVEDTRA 12061)
Use and Care of Hand Tools and Measuring Tools	(TRAMAN--See NAVEDTRA 12061)
Maintenance and Operation of Heating Systems	MIL-HDBK 1114/2
UT2	
CM, Advanced	(TRAMAN--See NAVEDTRA 12061)
Naval Safety Supervisor	(TRAMAN--See NAVEDTRA 12061)
Safety and Health Requirements Manual (U.S. Army Corps of Engineers)	EM-385-1-1
Facilities Planning Guide, Vol. I	NAVFAC P-437
Facilities Planning Guide, Vol. II	NAVFAC P-437
SEABEE Planner's and Estimator's Handbook	NAVFAC P-405
Operation and Maintenance of Air Compressor Plants	NAVFAC MO-206
National Standard Plumbing Code - Illustrated	
Facilities Management	NAVFAC MO-321
Organization and Functions for Public Works Departments	NAVFAC P-318
Inspection and Certification of Boilers and Unfired Pressure Vessels	NAVFAC MO-324
UT1	
Construction Battalion Unit Handbook	NAVFAC P-314
Groundwater Pollution Control	DM-5.14
Naval Construction Force Manual	NAVFAC P-315
Oil Spill Control for Inland Waters and Harbors	NAVFAC P-908
Maintenance Management Program for Naval Construction Force (NCF) Camps	COMSECOND/COMTHIRDNCBINST 11014.2
Environmental and Natural Resources Protection Manual	OPNAVINST 5090.1
Maintenance of Fire Protection Systems	NAVFAC MO-117
Navy Occupational Safety and Health (NAVOSH) Program Manual	OPNAVINST 5100.23

UTILITIESMAN (UT)

REFERENCE TITLE	IDENTIFYING NUMBER
Inspection of Shore Facilities, Vol. I	NAVFAC MO-322
Inspection of Shore Facilities, Vol. II	NAVFAC MO-322
Personnel Readiness Capabilities Program, Vol. I	NAVFAC P-458
Personnel Readiness Capabilities Program, Vol. II	NAVFAC P-458
UTC	
Solid Waste Disposal	DM-5.10
Embarkation in U.S. Naval Ships	OPNAVINST 5720.2
Embarkation Manual	COMSECOND/COMTHIRDNCBINST 3120.1
Energy Management	OPNAVINST 4100.5

WEAPONS TECHNICIAN (WT)

Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
WT3 & WT2	WT 3&2	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
WT1 & WTC	WT 1&C		

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
WT3	
Navy Nuclear Weapons Security Manual (U)	OPNAVINST C8126.1
Nuclear Weapons Radiological Controls Program	NAVSEA TW120-AA-PRO-010
Nuclear Weapons Handling Equipment	SWOP H Series
General Information on the Navy Bomb Dummy Unit (BDU) Trainers, BDU-20/C, and BDU-36/C (B57 and B61)	NAVAIR 11N-1BDU-0
Nuclear Weapons--Bombs	SWOP B Series
Nuclear Weapons--Warheads	SWOP W Series
Ammunition Afloat	NAVSEA OP 4
Ammunition and Explosives Ashore, Vol 1	NAVSEA OP 5
Unsatisfactory/Information Reports (UR/IR)	SWOP 5-8
Nuclear Weapons Nomenclature	SWOP 4 Series
Nuclear Weapons Test Equipment	SWOP T Series
Tools and Their Uses	(TRAMAN--See NAVEDTRA 12061)
Emergency Destruction of Nuclear Weapons	SWOP 50-8
General Instructions Applicable to Nuclear Weapons	SWOP 35-51
General Instructions Applicable to Nuclear Weapons (Supplement)	SWOP 35-51A
Basic Machines	(TRAMAN--See NAVEDTRA 12061)
Nuclear Weapons Shipment	SWOP 45 Series
Ships' Maintenance and Material Management (3-M) Manual	OPNAVINST 4790.4
Inspection Records	SWOP 35-7
Fluid Power	(TRAMAN--See NAVEDTRA 12061)
Instruction Book, Magazine Sprinkler System	NAVSEA 0910-LP-343-7700
NSTM, Chap 079, Vol 2, Damage Control--Practical Damage Control	NAVSEA S9086-CN-STM-020
NSTM, Chap 555, Firefighting--Ship	NAVSEA S9086-S3-STM-010

WEAPONS TECHNICIAN (WT)

REFERENCE TITLE	IDENTIFYING NUMBER
Nuclear Ordnance General Information	SWOP 50-1
Blueprint Reading and Sketching, Chaps 1 through 3 and 7	(TRAMAN--See NAVEDTRA 12061)
Numerical Index to Joint Nuclear Weapons Publications (including related publications) (Navy Supplement)	SWOP 0-1B
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1H
Minimum Criteria and Standards for Navy and Marine Corps Nuclear Weapons Accident and Incident Response	OPNAVINST 3440.15
Special Incident Reporting (OPREP-3) Procedures	OPNAVINST 3100.6
Motor Vehicle Driver's Handbook--Ammunition, Explosives, and Related Hazardous Materials	NAVSEA OP 2239
Field Modernization and Retrofit Orders	SWOP 40-1
Radiac Set AN/PDR-73 Operations Instructions/Maintenance Instructions	EE730-HA-OMI-010/8153 PDR73
Nuclear Weapon Accident Response Procedures (NARP)	DOD 5100.52-M
NSTM, Chap 613, Wire and Fiber Rope and Rigging	NAVSEA S9086-UU-STM-010
NSTM, Chap 700, Shipboard Ammunition Handling and Stowage	NAVSEA 09086-XG-STM-010
Standard Organization and Regulations of the U.S. Navy	OPNAVINST 3120.32
Nuclear Weapons Personnel Reliability Program (PRP)	OPNAVINST 5510.162
Nuclear Weapons Safety	SWOP 20 Series
Changing Combinations on Nuclear Weapons Locking Devices	SWOP 40-15
Procedures for the Use and Control of Logistic Codes for Permissive Action Link Equipped Weapons	SWOP 50-2
Emergency Destruction of Nuclear Weapons Afloat	SWOP 51-1
Nuclear Weapons Supply--General	SWOP 100 Series
Department of the Navy Metrology and Calibration (METCAL) Program	NAVELEXINST 4355.2
WT2	
Joint Reporting Structure (JRS), Vol II, Pt 4 (NUREP)	JCS Pub 1-03.7
Department of Defense Nuclear Weapons Technical Inspection System	SWOP 25-1
Surface Ship Damage Control	NWP 62-1
Preparation and Use of Check Sheets by Nuclear Weapons Shore Activities	NAVSEAINST 8110.1
Naval Sea Systems Command Metrology and Calibration Program	NAVSEAINST 4855.6
COMNAVSEASYS COM Nuclear Weapons Management Manual	NAVSEA NWMM

WEAPONS TECHNICIAN (WT)

REFERENCE TITLE	IDENTIFYING NUMBER
Maintenance Policies, Plans, and Procedures and Transshipment Inspection Procedures	SWOP 40-13
Loading and Underway Replenishment of Nuclear Weapons	NWP 14-1(E)
Alarm System Security FZ Tech Manual	NAVSEA SE168-AA-MMA-010
WT1	
United States Navy Ordnance Safety Precautions	NAVSEA OP 3347
General Information on the Navy Nuclear Weapons Stockpile Evaluation and Reliability Assessment (SEARA) Program	SWOP 40-2
Ship Configuration and Logistics Support Information System (SCLSIS)	NAVSEA 50752-AA-SPN-010/SCLSIS
Naval Safety Supervisor	(TRAMAN--See NAVEDTRA 12061)
WTC	
NSTM, Chap 793, Security of Stowed Nuclear Weapons	NAVSEA S9086-1A-STM-000
Navy Transportation Safety Handbook for Hazardous Materials	NAVSEA OP 2165, Vol 1
Department of the Navy Security Classification Guidance for Nuclear Warfare Programs (U)	OPNAVINST S5513.9
Personnel Security Investigations and Personnel Clearances for Navy Personnel	BUPERSINST 5521.2
Navy Nuclear Weapons Safety Program	OPNAVINST 8110.18
Nuclear Warfare Operations	NWP 28
Navy Nuclear Weapons	NWP 28-1
Nuclear Explosion Environment	NWP 28-2

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Table 1.—Mandatory (*) Professional TRAMAN/NRTC Requirements

RATE	TRAMAN/NRTC TITLE	NAVEDTRA NUMBER	ORDERING INFORMATION
YN3	YEOMAN 3	SEE NAVEDTRA 12061 FOR UP-TO-DATE TITLES AND NAVEDTRA NUMBERS	SEE NAVEDTRA 12061
YN2	YEOMAN 2		
YN1	YEOMAN 1&C		
YNC			

Table 2.—Professional References Supporting Navywide Advancement Examinations and PARS

REFERENCE TITLE	IDENTIFYING NUMBER
YN3	
Diary Message Reporting System Users' Manual (DMRSMAN)	1080#1 UM091A
Advancement Manual	BUPERSINST 1430.16
Navy Enlisted Performance Evaluation (EVAL) Manual	BUPERSINST 1616.9
Manual of the Judge Advocate General (JAGMAN)	JAGINST 5800.7
Manual of Courts-Martial	MCM U.S. 1984
Navy Customer Service Manual	(TRAMAN--See NAVEDTRA 12061)
Personnelman 3, Ch. 5	(TRAMAN--See NAVEDTRA 12061)
Legalman Training Manual	(TRAMAN--See NAVEDTRA 12061)
Identification Cards for Members of the Uniformed Services, Their Family Members, and Other Eligible Persons	BUPERSINST 1750.10
Register of Commissioned and Warrant Officers of the United States Navy on Active Duty	NAVPERS 15018
Officers Transfer Manual (OFFTRANSMAN)	NAVPERS 15559
Naval Military Personnel Manual (MILPERSMAN)	NAVPERS 15560
Manual of Navy Officer Manpower and Personnel Classification, Volume I - Major Code Structures	NAVPERS 15839
Enlisted Transfer Manual (ENLTRANSMAN)	NAVPERS 15909
Department of the Navy Directives Issuance Systems Consolidated Checklist	NAVPUBINST 5215.3
U.S. Navy Travel Instruction (NTI)	NAVSO P-1459
Navy Pay and Procedures Manual (PAYPERSMAN)	NAVSO P-3050
Department of the Navy Source Data System Procedures Manual (SDSPROMAN), VOLUME I	NAVSO P-3069
Department of the Navy Source Data System Procedures Manual (SDSPROMAN), Volume II	NAVSO P-3069
Joint Federal Travel Regulations (JFTR), Volume I	NAVSO P-6034

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REFERENCE TITLE	IDENTIFYING NUMBER
Procedures Applicable to Courts of Inquiry and Administrative Fact-Finding Bodies That Require a Hearing	JAGINST 5830.1
Department of Defense Military Pay and Allowances Entitlements Manual (DODFMR), Volume 7, Part A	DOD 7000.14-R
Format and Procedures for Validating the Officer Distribution Control Report (ODCR)	NMPCINST 1301.2
The Navy Casualty Assistance Calls Program (CACP) Manual	NMPCINST 1770.1
Telecommunications Users Manual	NTP-3(I)
Social Usage and Protocol Handbook	OPNAVINST 1710.7
Navy Sponsor Program	OPNAVINST 1740.3
Department of the Navy (DON) Postal Instructions, Chaps. 1 & 2	OPNAVINST 5112.6
Navy Official Mail Management Instructions	OPNAVINST 5218.7
Department of the Navy Information and Personnel Security Program Regulation	OPNAVINST 5510.1
Corrections Manual	SECNAVINST 1640.9
Navy and Marine Corps Awards Manual	SECNAVINST 1650.1
Department of the Navy Standard Subject Identification Codes (SSIC)	SECNAVINST 5210.11
Navy and Marine Corps Records Disposition Manual	SECNAVINST 5212.5
Department of the Navy Directives Issuance System	SECNAVINST 5215.1
Department of the Navy Correspondence Manual	SECNAVINST 5216.5
Leave Authorization and Reporting Procedures - Navy Members Only	SECNAVINST 7220.81
Leave Accounting Procedures - Navy Members Only	SECNAVINST 7220.63
Navy Electricity and Electronics Training Series, Module 22 - Introduction to Digital COMPUTERS	(TRAMAN--See NAVEDTRA 12061)
Department of the Navy Automatic Data Processing Security Program	OPNAVINST 5239.1
Disbursing Administrative and Personnel Manual (DAPMAN)	NAVSO P-3680
YN2	
Decedent Affairs Manual	NAVMEDCOMINST 5360.1
Navy Officer Fitness Report (FITREP) Manual	BUPERSINST 1611.17
Certificate of Release or Discharge From Active Duty	BUPERSINST 1900.8
Issuance of the Navy Passenger Transportation Manual (PTM)	NMPCINST 4650.2
Department of the Navy (DON) Forms Management Program	SECNAVINST 5213.10
YN1	

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REFERENCE TITLE	IDENTIFYING NUMBER
Manual of Navy Officer Manpower and Personnel Classification, Volume II (THE ODC)	NAVPERS 15839
Retention Team Manual	NAVPERS 15878
Survivor Benefits, and the Survivor Benefit Plan (SBP)	NMPCINST 1750.2
Manual of Navy Total Force Manpower Policies and Procedures	OPNAVINST 1000.16
Standard Organization and Regulations of the U.S. Navy	OPNAVINST 3120.32
NO ADDITIONAL BIBLIOGRAPHY FOR YNC	